



HONORABLE RICHARD M. RUSSELL

CITY OF CAMBRIDGE

MASSACHUSETTS

352
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1933
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THE ANNUAL REPORTS

Made to the City Council for the Year
Ending December 31, 1933



PUBLISHED BY ORDER OF THE CITY COUNCIL
UNDER THE DIRECTION OF THE CITY CLERK



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MAYORS OF THE CITY OF CAMBRIDGE

(From 1846 to 1933 inclusive)

James D. Green.....	May,	1846, to April,	1848
Sydney Willard.....	April,	1848, to April,	1851
George Stevens.....	April,	1851, to April,	1853
James D. Green.....	April,	1853, to April,	1854
*Abraham Edwards.....	April,	1854, to January,	1855
Zebina L. Raymond.....	January,	1855, to January,	1856
John Sargent.....	January,	1856, to January,	1860
†James D. Green.....	January,	1860, to July 24,	1861
§Charles Theodore Russell....	July 31,	1861, to January,	1863
George C. Richardson.....	January,	1863, to January,	1864
Zebina L. Raymond.....	January,	1864, to January,	1865
J. Warren Merrill.....	January,	1865, to January,	1867
Ezra Parmenter.....	January,	1867, to January,	1868
Charles H. Saunders.....	January,	1868, to January,	1870
Hamlin R. Harding.....	January,	1870, to January,	1872
Henry O. Houghton.....	January,	1872, to January,	1873
Isaac Bradford.....	January,	1873, to January,	1877
Frank A. Allen.....	January,	1877, to January,	1878
Samuel L. Montague.....	January,	1878, to January,	1880
James M. W. Hall.....	January,	1880, to January,	1881
James A. Fox.....	January,	1881, to January,	1885
William E. Russell.....	January,	1885, to January,	1889
Henry H. Gilmore.....	January,	1889, to January,	1891
Alpheus B. Alger.....	January,	1891, to January,	1893
William A. Bancroft.....	January,	1893, to January,	1897
Alvin F. Sortwell.....	January,	1897, to January,	1899
Edgar R. Champlin.....	January,	1899, to January,	1901
David T. Dickinson.....	January,	1901, to January,	1902
John H. H. McNamee.....	January,	1902, to January,	1904
Augustine J. Daly.....	January,	1904, to January,	1906
Charles H. Thurston.....	January,	1906, to January,	1907
Walter C. Wardwell.....	January,	1907, to April,	1909
William F. Brooks.....	April,	1909, to April,	1911
J. Edward Barry.....	April,	1911, to April,	1914
Timothy W. Good.....	April,	1914, to Dec.	1915
Wendell D. Rockwood.....	January,	1916, to January,	1918
Edward W. Quinn.....	January,	1918, to January,	1930
Richard M. Russell.....	January,	1930, to	

* Municipal year changed.

† Resigned.

§ First elected by the City Council.

PRESIDENTS OF THE BOARD OF ALDERMEN

1888	*Edward W. Hincks	1903	†John W. Coveney
1889	*John H. Corcoran	1903	Timothy W. Good
1890	*Alvin F. Sortwell	1904	†John W. Coveney
1891	*William A. Bancroft	1905	*J. Edward Barry
1892	*William A. Bancroft	1906	*Charles H. Lake
1893	John F. Fairbairn	1907	*Charles H. Lake
1894	*John G. Thorogood	1908	Edward B. James
1895	John F. Fairbairn	1909	Edward B. James
1896	John F. Fairbairn	1910	Edward B. James
1897	Russell Bradford	1911	James T. Barrett
1898	Russell Bradford	1912	James T. Barrett
1899	Walter C. Wardwell	1913	Peter J. Nelligan
1900	Walter C. Wardwell	1914	Peter J. Nelligan
1901	George E. Saunders	1915	Peter J. Nelligan
1902	James F. Aylward		

*Deceased.

† John W. Coveney resigned March 10, 1903, and Timothy W. Good elected to the vacancy.

PRESIDENTS OF THE CITY COUNCIL

1916	*Edward J. Dunphy	1926	*John J. McCarthy
1917	*Edward J. Dunphy	1926	Timothy F. Murphy
1918	*Dr. John P. Good	1927	Timothy F. Murphy
1919	James T. Barrett	1928	Timothy F. Murphy
1920	James T. Barrett	1929	Timothy F. Murphy
1921	James T. Barrett	1930	Joseph M. Stokes
1922	James T. Barrett	1931	Jeremiah J. O'Connor
1923	James T. Barrett	1932	Timothy F. Murphy
1924	James T. Barrett	1933	John J. Faley
1925	*John J. McCarthy		

*Deceased.

PRESIDENTS OF THE COMMON COUNCIL

1846	*Isaac Livermore	1873	*Alvaro Blodgett
1847	*John Sargent		Resigned June 17
1848	*John C. Dodge	1873	*Francis H. Whitman
1849	*Samuel P. Heywood		Elected June 17
1850	*Samuel P. Heywood	1874	*George F. Piper
1851	*John S. Ladd	1875	*George F. Piper
1852	*John Sargent	1876	*Frank A. Allen
1853	*John Sargent	1877	*Perez G. Porter
1854	*John C. Dodge	1878	*George S. Saunders
1855	*Alanson Bigelow	1879	*George S. Saunders
1856	*Ezra Ripley. Resigned	1880	*Charles Walker
	January 31	1881	*Charles Walker
1856	*George S. Saunders	1882	*George H. Howard
	Elected January 31	1883	*George H. Howard
1857	*George S. Saunders	1884	*George H. Howard
1858	*James C. Fisk	1885	*Cornelius G. H. Bennink
1859	*James C. Fisk	1886	*John H. Corcoran
1860	*Hamlin R. Harding	1887	*John H. Corcoran
1861	*Hamlin R. Harding	1888	*Alvin F. Sortwell
1862	*Jared Shepard	1889	*Edward A. Bingham
	Resigned September 17	1890	*Edward A. Bingham
1862	*Knowlton S. Chaffee	1891	*Edward C. Wheeler
	Elected September 24	1892	Herbert A. Chase
1863	*George S. Saunders	1893	*J. Henry Russell
1864	*George S. Saunders	1894	Charles M. Conant
1865	*John S. March	1895	*John L. Odiorne
1866	*John S. March	1896	*John L. Odiorne
1867	*Marshall T. Bigelow	1897	*Albert S. Apsey
1868	*Knowlton S. Chaffee	1898	George S. Saunders
	Resigned February 4	1899	*William F. Brooks
1868	*Henry W. Muzzey	1900	John D. Merrill
	Elected February 4	1901	John D. Merrill
1869	*Henry W. Muzzey	1902	*Thorndike Spalding
1870	*Joseph H. Converse	1903	Edward E. Clark
1871	*Joseph H. Converse	1904	*Harry N. Stearns
1872	*Alvaro Blodgett	1905	George A. Giles

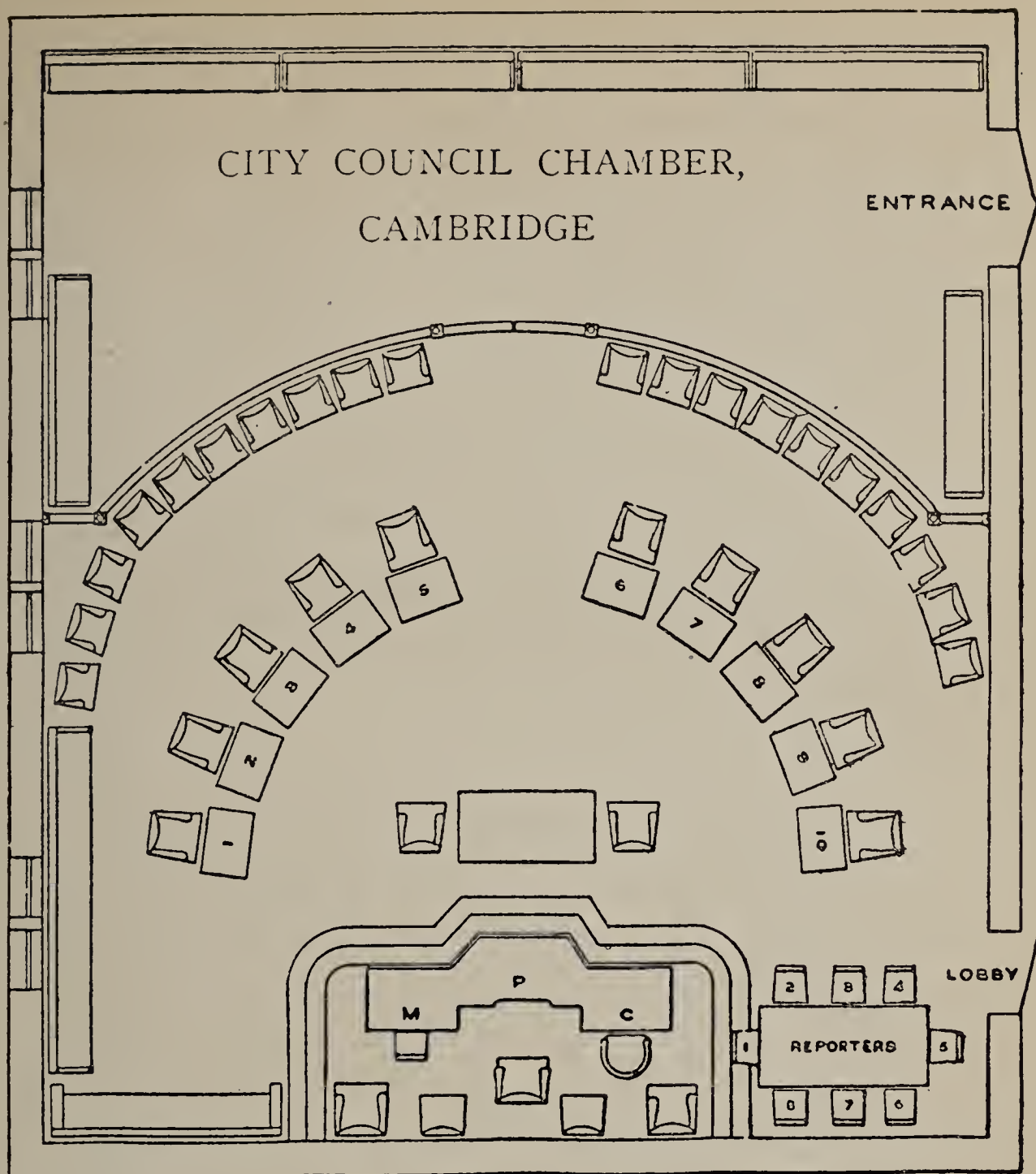
1906	George A. Giles	1911	Frederick H. Burke
1907	*Henry C. Stetson	1912	Timothy J. Horan
1907	*†Robert W. Hunter	1913	*John H. Lynch
1908	Henry J. Winslow	1914	*Frank J. Lehan
1909	Jesse W. Moreland	1915	Arthur S. Browne
1910	Irving N. Linnell		

* Deceased.

† Elected to fill vacancy.

LEGAL HOLIDAYS

New Year's Day, January 1. Washington's Birthday, February 22. Patriot's Day, April 19. Memorial Day, May 30. Independence Day, July 4. Labor Day, September 4. Columbus Day, October 12. Armistice Day, November 11. Thanksgiving Day, November 30. Christmas Day, December 25.



KEY TO CITY COUNCIL CHAMBER
Cambridge, 1933

P. — JOHN J. FOLEY, President

- | | |
|-------------------------|-------------------------|
| 1. Councillor McMenimen | 8. Councillor Delaney |
| 2. Councillor Smith | 9. Councillor Hillery |
| 3. Councillor Hillis | 10. Councillor O'Connor |
| 4. Councillor Murphy | 11. Councillor Swenson |
| 5. Councillor Roche | 12. Councillor Wyeth |
| 6. Councillor Lyons | 13. Councillor Cazmay |
| 7. Councillor Sennott | 14. Councillor Skilton |

Reporters

- | | |
|---|---------------------------------------|
| 1. Eliot B. Spalding, Cambridge Chronicle | 5. L. D. Fuller, Cambridge Sun |
| 2. John J. McGillicuddy, Cambridge Sentinel | 6. Stanley W. Howard, Boston Globe |
| 3. John R. Sennott, Jr., Cambridge Recorder | 7. William A. Callahan, Boston Globe |
| 4. Eliza L. Carleton, Cambridge Tribune | 8. Roger W. Remington, Boston Post |
| | 9. Kenneth Simpson, Boston Herald |
| | 10. James J. Delaney, Boston American |

CITY GOVERNMENT

Mayor

RICHARD M. RUSSELL
174 Brattle Street

Councillors

JOHN J. FOLEY, *President*

N. Russell Cazmay, 8 Plympton Street	Ward 7
Charles A. Delaney, 58 Foster Street	At Large
John J. Foley, 20 Rindge Avenue	Ward 11
Paul F. Hillery, 80 Grozier Road	Ward 9
William D. Hillis, 158 Magazine Street	Ward 5
John W. Lyons, 75 Fayette Street	Ward 3
Frederick V. McMenimen, 96A Otis Street	Ward 1
Timothy F. Murphy, 105 Fresh Pond Parkway	At Large
Frederick J. O'Connor, 58 Putnam Avenue	Ward 6
Francis J. Roche, 406 Broadway	At Large
Edward J. Sennott, 384 Broadway	At Large
Horace A. Skilton, 40 Huron Avenue	Ward 10
J. Henry Smith, 72 Elm Street	Ward 2
Chester R. Swenson, 34 Ellery Street	Ward 4
Benjamin F. Wyeth, 12 Hawthorn Street	Ward 8

OFFICERS OF THE CITY COUNCIL

City Clerk

FREDERICK H. BURKE

Clerk of Committees

DANIEL J. TOOMEY

City Messenger

A. FRANK MONTGOMERY

Regular meetings on Tuesday evenings, at eight (8) o'clock

DEPARTMENTS AND BOARDS

City Hall Telephone, University 6800

EXECUTIVE DEPARTMENT

RICHARD M. RUSSELL, *Mayor*
EDWARD A. COUNIHAN, *Mayor's Clerk*
LOUISE M. KELLEY, *Mayor's Secretary*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 17 and 18, City Hall

CITY CLERK DEPARTMENT

FREDERICK H. BURKE, *City Clerk*
THOMAS J. CONRICK, *Assistant City Clerk*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 8 and 9, City Hall

TREASURY DEPARTMENT

WILLIAM J. SHEA, *City Treasurer and Collector of Taxes*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 3 and 4, City Hall

AUDITING DEPARTMENT

JOHN J. MCKENZIE, *City Auditor*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 1 and 2, City Hall

CLERK OF COMMITTEES DEPARTMENT

DANIEL J. TOOMEY, *Clerk of Committees*

ALBERT T. DOYLE, *Assistant*

Office Hours: 8 a.m. to 4 p.m.
Office, Room 16, City Hall

CITY MESSENGER DEPARTMENT

A. FRANK MONTGOMERY, *City Messenger*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 20, City Hall

LAW DEPARTMENT

EDMUND L. TWOMEY, *City Solicitor*FRANKLIN L. HAMMOND, JR., *Law Clerk*

Office Hours (at City Hall): 8 a.m. to 12 m.

Office, Room 17, City Hall

Office, 53 State Street, Boston, Room 735

Telephone, Hubbard 2670

ENGINEERING DEPARTMENT

G. FRANK HOOKER, *Temporary City Engineer*THOMAS P. O'NEILL, *Superintendent of Sewers*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 30 and 31, City Hall

BUILDING DEPARTMENT

JOHN J. TERRY, *Superintendent of Public Buildings and
Inspector of Buildings*JAMES E. CURRY, *Zoning Consultant and Counter Clerk*C. EDWIN O'BRIEN, *Building Inspector*WILLIAM J. CUTTER, *Building Inspector*WILLIAM A. FORD, *Inspector of Plumbing*WILLIAM J. STANGER, *Inspector of Gas Fitting*DANIEL F. OWENS, *Inspector of Elevators*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 28, City Hall

STREET DEPARTMENT

WILLIAM R. McMENIMEN, *Superintendent of Streets*JOHN H. HOLT, *Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 12, City Hall

HEALTH DEPARTMENT

Board of Health

(Three Members — Term, three years from first Monday
in February)

JOSEPH M. WADDEN, M.D., *Chairman*

JOSEPH M. WADDEN, M.D.	Term expires 1931
ELIE H. LA PIERRE	Term expires 1932
DAVID J. NELLIGAN	Term expires 1933

Medical Inspector and Superintendent of Tuberculosis Hospital

SIMON B. KELLEHER, M.D.

JOHN D. CROWLEY, *Clerk*

Bacteriologist and Inspector of Milk and Vinegar

ROBERT E. BEMIS, Ph.C.

JOSEPH L. JOHNSON, *Inspector of Provisions*

Office Hours: 8 a.m. to 4 p.m.

Rooms 25, 26 and 27, City Hall

POLICE DEPARTMENT

JOHN J. McBRIDE, *Chief*

Telephone, University 9800

FIRE DEPARTMENT

JAMES M. CASEY, *Chief*

Telephone, University 0109

ASSESSORS' DEPARTMENT

JAMES J. CASEY, *Chairman* JOHN C. HAVERTY, *Secretary*

Term, four years

JAMES J. CASEY	Term expires 1933
BERNARD F. FALLON	Term expires 1935
JOHN C. HAVERTY	Term expires 1935

CARRIE A. ESTES, RUTH E. MCGUIGAN, LORETTA F. CROWE

MARGARET SHEA, *Clerks*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 21 and 22, City Hall

CITY ELECTRICAL DEPARTMENT

TIMOTHY C. O'HEARN, *City Electrician*
JAMES H. McALLISTER, *Assistant City Electrician*

Office Hours: 8 a.m. to 4 p.m.
Office, Central Fire Alarm, Inman Square Building
Telephone University 125

INSPECTOR OF ANIMALS DEPARTMENT

DAVID L. BOLGER, M.D.V., *Inspector of Animals*
Residence, 159 Mt. Auburn Street Telephone University 3550
(No Office or Hours)

BRIDGE DEPARTMENT

WILLIAM R. McMENIMEN, *Bridge Commissioner*
Office Hours: 8 a.m. to 4 p.m.
Office, Room 12, City Hall

SEALER OF WEIGHTS AND MEASURES DEPARTMENT

FELIX C. McBRIDE, *Sealer*
JOSEPH M. O'NEIL, *First Deputy Sealer*
JAMES J. LYNCH, JOSEPH O'NEIL AND
EDWARD W. BARKER, *Deputy Sealers*
Office Hours: Fridays, 8 a.m. to 4 p.m.
Saturdays, 8 a.m. to 12 m.

Office, Brattle Square Building Telephone University 9483-W

CITY PHYSICIAN

WILLIAM G. BROUSSEAU
Residence, 2343 Massachusetts Avenue Telephone Porter 1285
Office, Central Square Building
Office Hours: Daily, 9 to 11 a.m.
Telephone University 9850-51

FENCE VIEWERS

G. FRANK HOOKER, City Hall

JOHN J. TERRY, City Hall

CAMBRIDGE PLANNING BOARD

(Five Members — Term, five years from first day of May)

JEREMIAH F. DOWNEY, *Chairman*

JEREMIAH F. DOWNEY Term expires 1933

GEORGE L. DOW Term expires 1934

CHARLES W. KILLAM Term expires 1935

MELVILLE FULLER WESTON Term expires 1936

JOHN H. CORCORAN Term expires 1937

SCHOOL COMMITTEE

Mayor RICHARD M. RUSSELL, *Chairman*JOHN D. LYNCH, *Vice-Chairman*

MRS. JESSIE W. BROOKS, 10 Linnaean Street Term expires 1933

RAYMOND A. FITZGERALD, 1 Leonard Avenue Term expires 1933

JOHN D. LYNCH, 20 Fairfield Street Term expires 1933

JAMES J. CASSIDY, 199 Lexington Avenue Term expires 1935

JOHN LACEY DELANEY, 14 Garden Street Term expires 1935

RALPH W. ROBART, 393 Broadway Term expires 1935

HELEN R. BROSNAHAN, *Secretary**Business Agent*

CONSTANTINE J. CHURCH

Assistant to Business Agent

GERALD T. LISTON

Superintendent of Schools

MICHAEL E. FITZGERALD

Assistant Superintendent and Director of Continuation School

JAMES DUGAN

Acting Superintendent of School Buildings and Grounds

WILLIAM J. FITZGERALD

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 13, 14 and 15, City Hall

CITY HOSPITAL DEPARTMENT

Trustees of Cambridge City Hospital

(Five Members. Term, five years from first day of May)

DONALD E. CURRIER, *Chairman*

JOHN H. HURLEY	Term expires 1933
CHARLES F. J. McCUE	Term expires 1934
DR. DONALD E. CURRIER	Term expires 1935
IDA M. CANNON	Term expires 1936

CEMETERY DEPARTMENT

Superintendent of the Cemetery

THOMAS J. CAVANAGH

Clerk of the Cemetery

GREGORY L. GALLAGHER

Office Hours: at Cemetery, 8 a.m. to 5 p.m.

Office at Cemetery on Coolidge Avenue

Telephone University 5

*Person to cause to be Properly Interred the Bodies of Soldiers
and Sailors*

EDWARD F. SULLIVAN

Office, Room 23, City Hall

PUBLIC LIBRARY DEPARTMENT

Trustees of Cambridge Public Library(Seven Members. Term, three years from third Monday
in January)RALPH W. ROBART, *President* Resigned October 20, 1933ROBERT W. YOUNG, *President*

From October 20 to December 31, 1933

For One Year

RALPH W. ROBART of School Committee

Resigned October 20, 1933

Citizens at Large, Terms, Three Years

ROBERT W. YOUNG	Term expires 1933
EDWARD P. COLLIER	Term expires 1933
MICHAEL J. NEVILLE	Term expires 1934
HENRY J. MAHONEY	Term expires 1934
JULIA T. BOYLE	Term expires 1935
RICHARD J. COSTELLO, M.D.	Term expires 1935

JULIA T. BOYLE, *Secretary* ROBERT W. YOUNG, *Treasurer*

MICHAEL J. NEVILLE, *Treasurer*
from October 20 to December 31, 1933:

THOMAS J. SULLIVAN, *Librarian*

Library open: 9 a.m. to 9 p.m. Reading Room: 9 a.m. to 9 p.m.
Sunday, 2 to 9 p.m.

Office at Library Building, Broadway, Irving and
Trowbridge Streets

Telephone University 610

WATER WORKS DEPARTMENT

Cambridge Water Board

(Five Members. Term, five years from thirtieth day of June)

President, no permanent President elected

HENRY L. SKELLEY	Term expires 1931
HOWARD M. TURNER	Term expires 1932
GEORGE F. MCINNES	Term expires 1934
JAMES J. SCULLY	Term expires 1935

TIMOTHY W. GOOD, *Superintendent of Water Works*

Chief Clerk

HARRY L. LINCOLN (Pensioned September 10, 1932)

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 5 and 6, City Hall

ELECTION COMMISSION

(Four Members. Term, four years from first day of May)

DANIEL P. LEAHY, *Chairman*

DANIEL P. LEAHY	Term expires 1934
CLARENCE P. KIDDER	Term expires 1935
FRANCIS McDONALD	Term expires 1936
HARRY A. PENNIMAN	Term expires 1937

HARRY A. PENNIMAN, *Secretary*

Office at City Hall

Telephone University 10727

PARK DEPARTMENT

Park Commissioners

(Nine Members. Term, five years from first Monday in May)

JEREMIAH J. COUGHLAN, *Chairman*

SAMUEL W. PILL	Term expires 1930
WAYLAND M. MINOT	Term expires 1930
CARROLL W. DOTEN	Term expires 1932
LEO BREAU	Term expires 1932
MICHAEL SCANNELL	Term expires 1933
MRS. JESSIE W. BROOKS	Term expires 1934
JEREMIAH J. COUGHLAN	Term expires 1934
MRS. HELEN C. ALMY	Term expires 1936

STEPHEN H. MAHONEY

Acting General Superintendent and Superintendent of Recreation

ROSE E. MANNING, *Secretary*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 11, City Hall

SINKING FUND DEPARTMENT

*Commissioners of the Sinking Fund**(Six Members. Term, three years from first Wednesday in May)*ROBERT W. KNOWLES, *Chairman*

FORREST L. GOULD	Term expires 1933
ARTHUR M. WRIGHT	Term expires 1933
HENRY BARTLETT	Term expires 1934
DANIEL CRONIN	Term expires 1934
WILLIAM H. REARDON, JR.	Term expires 1935
ROBERT W. KNOWLES	Term expires 1935
FREDERICK J. SULLIVAN, <i>Secretary</i>	WILLIAM J. SHEA, <i>Treasurer</i>

BOARD OF PUBLIC WELFARE

*(Seven Members. Term, five years from first Monday in May)*CHARLES J. McMENIMEN, *Chairman*

BERNARD B. WELCH	Term expires 1932
EDWARD W. TOOMEY	Term expires 1932
ELIZABETH A. CHAMBERS	Term expires 1933
MRS. CORINNE CONLON	Term expires 1934
A. JOHN SERINO	Term expires 1935
LEOPOLD BARTEL	Term expires 1936
CHARLES J. McMENIMEN	Term expires 1936

JAMES E. FINNEGAN, *Secretary*JOHN T. SHEA, *Superintendent of Home for Aged and Infirm*

Office Hours, at Central Square Building, 8 a.m. to 4 p.m.

Telephones: City Home, Porter 5370. Office, University 9850-51

BOARD OF APPEAL

*(Three Members. Term, three years from first day of March)**Chairman, no permanent chairman elected*

JAMES J. WALSH (Attorney)	Term expires 1933
PARKER F. SOULE (Master Builder)	Term expires 1934
WILLIAM L. GALVIN (Architect)	Term expires 1935
JAMES E. CURRY, <i>Secretary</i>	

BOARD OF LICENSE COMMISSIONERS

Term, three years from first day of April

JOHN E. QUINN, *Chairman*

Term Expires 1931

JAMES M. CASEY, *Chief of the Fire Department*

JOHN J. McBRIDE, *Chief of the Police Department*

POLE AND CONDUIT COMMISSION

JOHN E. QUINN, *Chairman*

WILLIAM R. McMENIMEN, *Superintendent of Streets*

TIMOTHY C. O'HEARN, *City Electrician*

AGENT MUNICIPAL EMPLOYMENT OFFICE

MATTHEW E. SHAUGHNESSY

RETIREMENT BOARD

(As Provided by Chapter 453 of the Acts of 1931)

JOHN J. McKENZIE, *City Auditor*, for the time being

RICHARD C. EVARTS, term expires January 1, 1935

JOHN H. HOLT (A member of the Retirement System)

Term expires January 1, 1933

CAMBRIDGE INDUSTRIAL COMMISSION

Three Members

(See Chapter 393 of the Acts of 1913, Chapter 223 of the Special Acts of 1917 and Chapter 79 of the Special Acts of 1919.)

ROBERT WALCOTT JAMES S. CASSEDY JEREMIAH F. DOWNEY

CITY MISSIONARY

JOHN F. CAWLEY

AGENT FOR COMMITTEE ON SOLDIERS' AID

EDWARD F. SULLIVAN

WILLIAM F. BOYLE, TIMOTHY J. SULLIVAN, *Investigators*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 23, City Hall

TRUSTEES OF THE DOWSE INSTITUTE

FRANCIS G. PEABODY, *President*RICHARD M. RUSSELL, *Mayor, ex officio*JOHN J. FOLEY, *President of City Council, ex officio*

JOSEPH H. BEALE, JR.

FRANCIS G. PEABODY

JOSEPH H. BEALE, JR., *Secretary and Treasurer*

TRUSTEES OF THE SANDERS TEMPERANCE FUND

RICHARD M. RUSSELL, *Mayor*JOHN J. FOLEY, *President of City Council*FREDERICK H. BURKE, *City Clerk**Ex officiis*

TRUSTEES OF THE BRIDGE CHARITABLE FUND

RICHARD M. RUSSELL, *Mayor*JOHN J. FOLEY, *President of City Council*CHARLES J. McMENIMEN, *Chairman of the Board of Public Welfare**Ex officiis*

CIVIL SERVICE — LABOR DIVISION

HARRY L. LINCOLN, *Registration Clerk*

(Pensioned September 10, 1932 — Vacancy not filled)

Office Hour: 4 p.m. daily

Except Saturday

STANDING COMMITTEES — CITY COUNCIL
YEAR 1933

Americanization and Education. Councillors Murphy, Swenson, O'Connor, Skilton, and Hillery.

Bonds. Councillors Lyons, Sennott and Smith.

City Engineering. Councillors Swenson, Sennott and Lyons.

City Planning. Councillors Hillery, Roche, Hillis, Skilton and Smith.

Claims. Councillors Skilton, Sennott, Swenson, Hillis and Smith.

Elections and Printing. Councillors Smith, Cazmay, Roche, Hillis and O'Connor.

Finance. President Foley and Councillors Sennott, Roche, Lyons, Cazmay, Skilton, Swenson, O'Connor, Hillis, Murphy, McMenimen, Smith, Wyeth, Hillery and Delaney.

Health. Councillors McMenimen, Roche and Sennott.

Industrial Development. Councillors O'Connor, Lyons, Cazmay, Smith and Delaney.

Legislative Matters. Councillors Hillis, Cazmay, O'Connor, Swenson and Wyeth.

Licenses. Councillors Roche, Lyons, Skilton, Cazmay and Swenson.

Military Affairs. Councillors Delaney, Swenson, O'Connor, Roche and Hillery.

Ordinances. President Foley and Councillors Skilton, Roche, Lyons, Cazmay, O'Connor, Swenson, Sennott, Murphy, Hillis, Wyeth, McMenimen, Smith, Delaney and Hillery.

Parks and Cemeteries. Councillors Cazmay, Lyons, O'Connor, Delaney and Wyeth.

Public Celebrations. Councillors Skilton, O'Connor, Cazmay, Swenson, Smith, Hillis and McMenimen.

Public Property and Public Institutions. Councillors Sennott, Lyons, Roche, Skilton and Cazmay.

Public Safety. Councillors O'Connor, Skilton, Sennott, Murphy and McMenimen.

Public Service. Councillors O'Connor, Skilton, Sennott, Lyons and Cazmay.

Roads and Bridges. Councillors Cazmay, Skilton, Roche, Lyons, Sennott, Swenson and O'Connor.

Rules and Orders. Councillors Wyeth, Roche, Swenson, Cazmay and Murphy.

Soldiers' Aid. Councillors Swenson, O'Connor, Roche, Hillery and Delaney.

Water Supply. Councillors Skilton, Lyons, Cazmay, Sennott and Roche.

Wires and Lamps. Councillors Lyons, Skilton, Cazmay, O'Connor and Swenson.

INAUGURAL ADDRESS OF MAYOR

Gentlemen of the City Council:

Four years ago at this time, upon the occasion of my first inaugural, I outlined the aims of my administration. Having in mind the magnitude of the problems that confronted the city government, the attention of the Council was called to the deplorable condition of the city's books of account and of its finances, the high tax rate, the dilapidated municipal buildings and schoolhouses, the inadequacy of the city's water supply and water distribution system, and of its hospital facilities, the miserable condition of important highways and the inefficiency of many of its departments.

Recognizing that the work at hand was colossal, I sought the patient indulgence and earnest coöperation of the City Council. I agreed for my part to undertake remedial measures with determination to succeed and with the conviction that right must prevail. Since then we have been through bitter times. To these problems were added those of the worst depression in history.

While often obstructed and delayed, sometimes temporarily defeated, frequently discouraged and tired of the unwarranted abuse of an opposition with nothing constructive to offer and after four years of intense struggle for better conditions for our people, I still hold fast to the doctrine that right must and will prevail.

And so in the spirit of once more seeking the earnest coöperation of the City Council, I shall outline to you very briefly the problems of the moment and the program that has been prepared for their solution. I do so with a challenge to the City Council to do your part to put the program into effect or to accept full responsibility for the consequences of inaction.

Of the problems which confronted the city government four years ago, only a few remain, but they are fundamental. They are the problems which must be solved immediately if we are to emerge from the depression without a major disaster. They *can* be solved, but only if adequately understood. They can only be understood in the light of what has gone before. Those entrusted with manning the ship of state for the next two years cannot hope

to bring it safely into port unless they have accurately located the point of departure. Of the fifteen councillors that faced these problems with me four years ago but two remained continuously during the whole period that has elapsed. If the new councillors are to pull their weight in the boat and do their share, they must ascertain its bearings correctly at the outset. They must appraise the past and present intelligently and set a course accordingly.

I shall therefore review briefly the accomplishments of these eventful and arduous years — years of depression and suffering unparalleled in history.

CONSTRUCTION PROGRAM

The construction program so sorely needed is now nearing completion.

Schoolhouses. Educational facilities have been vastly improved and the health of our children safeguarded by the construction of two new grammar schools and by the erection of the finest technical high school building in the country.

Hospitals. To care for more adequately, to cure and make comfortable those inflicted with disease or suffering from sickness or injury, an addition to the Municipal Hospital and a Nurses' Home have been built.

Water Supply, Distribution and Filtration. The health, safety and comfort of all the people of Cambridge have been given adequate protection against a threatened water shortage and the inadequate capacity of the Filtration Plant. This has been done by increasing the capacity of supply mains, boring a tunnel in Waltham, creating new pumping facilities which made available some 250,000,000 gallons of water in Fresh Pond previously unusable, by replacing the entire water distribution main to East Cambridge with one of much greater capacity and by making large additions to the Filtration Plant.

Sewers. The public health and comfort has been given further security by huge extensions of the city's sewerage system.

Police, Fire, Fire Alarm and Municipal Office Accommodations. Life and property within our borders will be made more secure as soon as the new Central Police Station, Police Headquarters and Municipal Building and the new Central Fire Station and Fire Alarm Headquarters, now practically complete, are put

in operation. A drill tower and smoke chamber erected for the schooling of the Fire Department have already accomplished much.

Streets. Two million dollars of new streets afford comfort, pleasure and safety to pedestrian and automobile passenger alike and have reduced considerably the amount paid annually on claims for damages arising out of injuries attributable to defects in public ways.

FINANCES

Finances in chaotic condition have been put in order and the city's credit has been maintained through the depression to date. The Treasurer's office has been reorganized in accordance with the recommendations of the State Director of Accounts and annual audits have been inaugurated.

Books of account six months in arrears have been brought up to date and \$700,000 of deficits have been eliminated and the city's budget has been put in balance.

A careful investigation of the city's banks of deposit led to the withdrawal of public funds from six banks which subsequently failed with the result that the city lost less than \$10,000 in the epidemic of bank failures which culminated with the closing of all banks last March.

In spite of the huge construction program, the city's debt has been kept within reason.

On the Boston bond market the city recently had a credit rating of 93 out of a possible 100 points.

For the last four years the city's credit has been maintained. The maintenance of the city's credit standing for the next two years can, however, be assured only through our willingness to face facts as we find them and to act with the courage the situation demands. It is to these facts bearing upon the city's credit — the life blood of municipal existence — that I desire to call your attention in my subsequent remarks.

EXPERT ADVICE AND ASSISTANCE

I have sought and received advice and assistance from Harvard and Massachusetts Institute of Technology and from other authorities on municipal problems, technical and otherwise, all at no cost to the city with results as follows:

The Harvard Graduate School of Education, following up its report in 1926 on the Cambridge schools, furnished expert counsel on the planning of schoolhouse construction from the standpoint of education, Technology from the standpoint of architects, builders and construction. These were important contributing factors in making this Rindge building the finest of its kind in the country, an acknowledged example of school architecture, at a lower cost than any similar structure of recent times.

Streets surrounding the new Harvard units were rebuilt by Harvard at no cost to the city. The Harvard Law School has been working for two years on a revision and compilation of the city's ordinances which will soon be completed at a saving to the city of many thousands of dollars.

The Harvard Business School contributed many valuable suggestions during the period of monetary stress, bank failures and the bank holiday of last March, besides furnishing some valuable information on a variety of matters.

Other departments of Harvard have rendered many other services such as engineering advice on a number of projects and help in negotiating loans when money was difficult to borrow.

The Massachusetts Institute of Technology has coöperated by providing technical advice on practically every technical problem the city has had to face. It has made surveys of all municipal buildings, of fire and police conditions, of fire and police communication systems, of water projects, of street lighting arrangements and costs, of the city's automotive equipment, its public works departments and of many other municipal services. It has provided additional scholarships for Cambridge boys. It has furnished specifications for many projects, contributed supervision, and in one instance gave \$5,000 in cash to the construction of an important highway as well as advice in the selection of architects, builders, materials and locations. Through Technology the services of Thomas L. Hinckley, the head of its Department of Municipal Research, were donated to the city. He has made many comprehensive reports covering practically every municipal activity and department. These reports supported by additional facts confirmed many opinions I already had with regard to economy and retrenchment and suggested many others. One direct result was a second large reduction to the city in the cost of street lighting.

OTHER ECONOMIES

For four years I have tried to be on the alert for ways and means to save the people's money and insure the city's credit and its employees' wages. A new lighting system has been installed on the Longfellow Bridge, which has saved the city thousands of dollars in maintenance, repairs and other operating costs. New leases at not much more than half the rentals previously paid have been negotiated for Veterans' Quarters and branch libraries. The cost of the city's printing has been cut in half in many instances by competitive bidding. The new Central Police Station will eventually result in saving \$50,000 annually in the cost of operating the Police Department and according to insurance underwriters and engineers the new Central Fire Station and Fire Alarm Headquarters will result in a saving to the taxpayers of \$100,000 annually in fire losses. Both of these projects will release valuable land for sale and taxation by the city. By making greater use of city property (schoolhouses and fire stations) and by other economies the Election Commissioners have succeeded in greatly reducing the cost of elections. As vacancies have occurred, useless jobs such as Bridge Commissioner, one of the two heads of the Park and Recreation Department, Assistant City Messenger and Deputy City Engineer, have been abolished. While the cost of operating the Cambridge School System is still almost 50 per cent higher than are the school costs in other comparable cities, the new buildings and careful scrutiny of expenditures has made it possible to reduce the cost of repairs by many thousands of dollars.

Thus, operating costs have been reduced in every one of the city's forty odd departments except the welfare department.

To accomplish this goal involved a struggle. That I have been subjected to abuse, criticism and ridicule on account of them by those with a selfish interest at stake, renders them none the less meritorious. The city can well afford to forego certain comforts, recreations and profits for the few in order to benefit the many, feed hungry mouths, relieve distress, maintain the city's credit and meet its obligations and payrolls in a period of dire stress, and so avoid default, bankruptcy, payless pay days, wage cuts and layoffs, such as have obtained in other cities and which inevitably would have resulted in Cambridge from any other course.

Members of the City Council, the problem is now one that commands your attention. I shall of course continue to insist upon

increased departmental efficiency, particularly with reference to the Fire and Police Departments, for which plans have already been formulated. But I am near the limits of executive authority. The full burden of responsibility for further improvements now rests squarely with the legislative branch of the city government.

In spite of the handicaps, in spite of the uncertainties which the future holds in store, I believe it will be possible to avoid a continuance of the contributions so generously given by city employees for the past year and a half if the City Council will promptly accept the program which I offer today.

The principal item of the program is the reorganization plan. In the hope that you will act upon it favorably and promptly I shall take no action with reference to employee contributions at this time. But I warn you that the community cannot support any longer the cumbersome, inefficient and wasteful administrative and departmental organization developed without reason, based upon no scientific analysis or principle and the product of more than a generation of inertia in local municipal government.

It is one thing or the other: reorganization with its increased efficiency and resultant economies that will not harm a single employee or employee contributions in one form or another. The issue is set clearly before you. One road or the other you must choose. We cannot stand idly by and see the city's credit ruined, followed by default, payless pay days, discharges and all the suffering consequent upon these things.

THE TAX RATE AND MUNICIPAL CREDIT

Annually and oftener I have argued before the City Council that the tax rate was too high, that sooner or later it would spell trouble if not disaster. Too often my words and recommendations have fallen upon deaf ears. And herein lies the outstanding failure of our city government to meet its full responsibilities. All warnings have been unheeded, the danger is not past — it is closer upon us at this moment than at any time in the last four years. I shall explain.

City government exists for the purpose of rendering certain services to the people of the community. It supplies them with water; through its fire and police departments, it protects their lives and property; it builds and maintains streets for their use; through it, sewerage and refuse are disposed of; it conducts many

activities to safeguard the public health and furnish recreation; it cares for those in want and it is responsible for the education of our children. The money necessary to pay the wages and salaries of employees, to construct buildings and public works and to purchase the equipment, supplies and materials needed to conduct these activities is largely derived from taxes on property. These taxes are not collected until November. From January to November for ten months the city must be able to borrow money if it is to meet its obligations and its pay rolls, but it cannot borrow unless its credit is sound. Credit and the consequent ability to borrow depend upon many things, which together convince the lender that his loan will be paid at maturity. Obviously, however, a city that cannot collect its taxes, its principal income, cannot borrow. Unless it collects its taxes it has nothing with which to repay its loans. Students of municipal government have long realized that a community could not stand a tax rate in excess of \$30 per thousand dollars of property values for a very extended period. Taxes at such a rate have generally been uncollectable, yet Cambridge has suffered with such a tax rate for ten years.

In spite of \$200,000 of Federal Relief money, \$700,000 borrowed in anticipation of taxes on dividends of Massachusetts corporations, some \$450,000 in contributions of city employees and reductions in appropriations for 1933 of more than half a million dollars, the 1933 tax rate still stood at \$33.50 and taxes are coming in very slowly. No provision has been made for either Federal or State Relief for 1934 other than Civil Works projects until February 15, which might make it possible to reduce welfare appropriations by \$200,000. If we do no more for ourselves than we have done in the past, we face 1934 \$700,000 worse off than we were in 1933. This is equivalent to an increase in the tax rate of more than \$3.50 even with a continuance of the 10 per cent contributions from city employees; and if the contributions are discontinued we face the possibility of a \$6 increase in the tax rate which if attempted would in my judgment result in the non-payment of taxes on such a scale as to actually reduce the city's real income.

While at this moment I believe we have weathered the storm of the depression and while I am confident we are on the road to recovery, we would be blind indeed if we did not realize that the recovery program upon which the nation has pinned its faith did

not present perplexities almost as great as any encountered in the whole period of stress through which we have passed.

Four years of depression have culminated with the tax burden still excessive, the taxpayers' resources still ebbing and their costs rising as are those of workers and city employees. Economy and efficiency in government is more necessary now than ever before. The taxpayers are tired, and all of us pay taxes directly or indirectly in one form or another — many are exhausted — additional burdens will cause collapse and perhaps irreparable damage to the whole recovery program.

It is a well-known fact that many a captain has lost his ship by putting on full sail too soon after the storm. Vessel and crew had been weakened — the one needed overhauling, the other, rest.

There are many unknown quantities in the situation that confront the government inaugurated today. Will the Federal Government distribute funds to relieve municipalities in 1934 as it did in 1933? Will Congress provide for other and perhaps further relief? Will the Civil Works program be continued beyond February 15, the date now set for its termination? Will the state legislature furnish relief? What will be the ultimate effect of monetary and other policies of our national government upon prices and the cost of living? And finally will the recovery program stimulate industry and reemployment as it is hoped it will?

These considerations dictate care, caution and economy. The responsibility is clearly and exclusively yours.

An increase in taxes cannot be borne. There remain only the two alternatives: a continuance of employees' contributions or a logical reorganization of the city government.

The reorganization plan which I submitted to the Council a year ago and my position with reference to it have been frequently misrepresented. At this time you are entitled to have it explained by me personally, although there is nothing complicated about it. It is so simple that it can be described in a single sentence. It provides for the consolidation of some thirty-five departments into five divisions.

The idea was developed through the Department of Municipal Research at Massachusetts Institute of Technology by Thomas L. Hinckley, the man who helped Mayor Mitchell in 1906 bring the New York City government to the highest point of efficiency it ever attained. This man is one of the leading authorities on

municipal administration. He has advised municipal governments from coast to coast in the United States and Canada and has helped reorganize several of the largest cities in the country. He has devoted his life to this work and has the broadest practical experience of anyone obtainable in this field. The ordinances to put the plan into effect were drawn by James M. Landis, certainly one of the leading legislative draftsmen in the country if not the leading one. He has devoted his life to legislative matters—appointed by Governor Ely to the Uniform Laws Commission, he was subsequently commissioned by Congress and the President of the United States to draft some of the most important legislation connected with the President's recovery program. He has recently been appointed a member of the Federal Trade Commission to administer these important and far reaching laws.

The plan and ordinances were then submitted to the National Municipal Research Bureau in Chicago and to the Institute of Public Administration in New York. The plan has been approved not only by these organizations but has the endorsement of such men as Paul V. Betters, executive secretary of the American Municipal Bureau, executive secretary of the United States Conference of Mayors and now assistant to Mr. Hopkins, Federal Civil Works Administrator; by Glenn Leet, of the American Municipal Bureau and many other such authorities.

These men believe that this reorganization will result in immediate savings of close to half a million dollars and eventually economies of more than two million dollars. These figures were submitted by me to the City Council on February 28 last year and have never been successfully attacked. I have declared under oath that I would not discharge a single employee as a result of the adoption of the plan. At this time I renew that pledge.

It has been argued by those opposed who had nothing to offer as an alternative that since the city's payroll amounts to some four and a half millions annually the savings are impossible without discharges. Of course the ultimate savings cannot be realized without a reduction of personnel, but this can be accomplished gradually by not filling vacancies rather than by immediate discharges. True, the process would take longer, but I am willing to take the longer route if we can only get started on the right road—the road to lower taxes, the road to maintaining the city's credit, the road of security to city employees and their salaries.

Ordinances creating three of these divisions, those of finance, public safety and public works, have been before the council for many months. No valid objection was raised to any one of them. Objections that were made were so trivial and amendments offered so unsound that when exposed to public view practically every one was withdrawn by the councillor offering it. Time does not permit me to describe here the procrastination that accompanied these ordinances on their various careers. It is sufficient for our purposes to tell you that the one creating a Division of Finance, a budget examiner and purchasing agent was finally enacted although it has remained practically inoperative on account of the failure of the council to fix the salaries of these two officers, while \$150,000 continues to be wasted annually in purchases. The second, the Division of Public Safety, was rejected by the council. It is now hereby resubmitted; and upon the third, the Division of Public Works, no action has been taken.

In urging the passages of these ordinances I respectfully suggest that you do so without amendment. While the plan of organization is simple enough, the ordinances required almost two years of study by the ablest men available for this work to avoid conflict with the many statutes and inadequately compiled ordinances of Cambridge. Whatever your thoughts may be, please do not try to evade the issue by the masclulation process and give me ordinances that will lead to controversy and possible litigation and which accordingly will be impossible to administer.

I therefore submit for your consideration matters as follows:

(1) I recommend that you fix the salaries of the budget examiner and purchasing agent forthwith — tonight if you will, so that I may have the benefit of their services in preparing this year's budget.

(2) I recommend that you enact the ordinance creating a Division of Public Safety and the ordinance creating a Division of Public Works.

(3) I recommend that you adopt resolutions favoring legislation to retire and place upon the pension rolls city employees, particularly members of the Fire and Police Departments, at a definite age. The National Board of Fire Underwriters recommends retirement at sixty-two and makes the insurance rates for Cambridge conditional upon such retirement.

CONCLUSION

Gentlemen: Today we find ourselves in a world of rapid changes. We shall be called upon frequently to act with expedition. We can be either a force for great good or a force for great evil. Let us understand each other at the outset. You will find me always receptive to every suggestion for the common benefit of our people. You will find me adamant in my opposition to propositions for personal gain, derogatory to the common welfare.

It would be easy to drift through the next two years with eyes closed to abuses and without a single clash and try to blame others for the wreckage that would ensue. But I would be false to the oath I have just taken if I did not show you the status of things as they are, if I did not talk with frankness as I have. I would have betrayed that great, silent, suffering throng of humanity that has borne the brunt of this devastating depression with patience and without protest, if I did not tell you the whole truth. I have seen the anguish that comes from the betrayal of a trust. Only recently I witnessed it when I saw men who had struggled unremittingly during four years of depression to care for their loved ones without sacrificing their pride by becoming objects of public charity, strong men, staunch men, true men, perhaps the poorest but the worthiest of our citizens — I say I saw the betrayal of public trust when such men were passed over and forgotten for others less needy, but with the necessary political backing to secure the award of jobs on the Civil Works projects.

I would not be honest with you if I did not recognize the fact that a large proportion of the City Council and School Committee are opposed to me — probably opposed to me personally more than to the measures I have advocated. However this may be, I stand ready to suffer every kind of personal humiliation, I am prepared to make every reasonable sacrifice to accomplish those things which all reasonable, unbiassed and unprejudiced opinions deem to be for the benefit of the people of Cambridge. But if the price of accomplishment is willingness on my part to barter and trade with that which I hold in trust, if this is what is meant by that much abused word “coöperation,” then I decline to be a party to it, for I hold fast to the principle that right is born of right and of truth and has never been conceived in corruption or falsehood.

Today, at the outset of a two year term of public office, I

appeal to you upon the highest plane I know of, that of devoted, unselfish, self-sacrificing service to our fellow men.

In the months ahead, the field of service is plainly marked. The credit of our city must be maintained. The resources of the community will not stand an increase in the tax rate. Therefore, I repeat, the issue now before the City Council is this:

Economy must be effectuated. It can be effectuated by re-organizing the city government on a modern efficient basis. But failing that, you will have to accept responsibility for employee contributions or salary reductions in the event that the city's credit demands them. There is no other choice before you at this time.

With all the energy at my command, from the bottom of my heart, with all the sincerity I possess in my being, I urge you to forget selfish desires and ambitions, and go forward shoulder to shoulder with me for the next two years with but a single purpose in mind — the welfare of the people of this community.

ANNUAL REPORT OF THE CITY AUDITOR

Cambridge, Mass., December 31, 1933.

To the Honorable City Council:

I submit herewith a report for the financial year beginning January 1, 1933 and ending December 31, 1933. Included in this report are detailed statements of receipts and expenditures, an analysis of the appropriation accounts and an analysis of the outstanding debt, statement of the borrowing capacity, tables showing the condition of the trust funds, the balance sheet and a list of city property.

Respectfully submitted,

JOHN J. McKENZIE,
City Auditor.

CITY INCOME

MAINTENANCE AND OPERATION

TAXES

Taxes:

Levy of 1927	\$14 64	
Levy of 1928	184 06	
Levy of 1929	948 76	
Levy of 1930	1,757 52	
Levy of 1931	41,942 04	
Levy of 1932	1,623,806 09	
Levy of 1933	4,139,827 83	
Motor Vehicle Excise Tax 1929	33 30	
Motor Vehicle Excise Tax 1930	428 77	
Motor Vehicle Excise Tax 1931	1,249 49	
Motor Vehicle Excise Tax 1932	13,611 30	
Motor Vehicle Excise Tax 1933	101,500 27	
Old Age Assistance Tax 1931	5,531 00	
Old Age Assistance Tax 1932	4,942 00	
Old Age Assistance Tax 1933	17,821 00	
		<u>\$5,953,598 07</u>

From Commonwealth:

Income Tax	192,897 00
Corporation Tax "B"	250,385 72
Corporation Tax "P. S."	103,847 89
National Bank Tax	2,563 28
Trust Company Tax	3,223 89

In Lieu of Taxes	7,300 99
Redemption of Tax Titles	121,328 21

LICENSES AND PERMITS

Building	\$2,623 00
Dance and entertainment	1,267 00
Electrical	3,762 00
Elevator operator	179 00
Firearms (to carry)	315 00
Gasoline swing arm	99 00
Guides	8 00
Marriage	2,160 00
Milk and pasteurizing	544 00
Oleomargarine	17 00
Street sign	82 00
Gas and oil renewal	50
Licenses issued by the Health Department:	
Barber shop	\$190 00
Beauty parlor, manicure	267 00
Beverage	60 00
Denatured alcohol	128 00
Ice cream manufacture	23 00
Vapor bath	5 00
	<u>673 00</u>

Amount carried forward	\$11,729 50	\$6,635,145 05
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Amount brought forward \$11,729 50 \$6,635,145 05

LICENSES AND PERMITS — *Concluded*

Licenses issued, credited by book transfer
from Deposit Account:

Auctioneer	\$36 00
Auction sales	10 00
Badges	263 75
Barrel Collector and stores	17 50
Billiard and pool	306 00
Bowling alley	122 00
Carriage and wagon	118 00
Certified copy	50
Common victualler	1,760 00
Drivers	74 00
Druggists	80 00
Firearms (to sell)	2 00
Garage and gasoline	503 50
Intelligence office	36 00
Junk collector and stores	975 00
Letting motor vehicles	30 00
Lodging house	492 00
Lord's Day	1,765 00
Merry-go-round	3 00
Minor	17 00
Open air parking	40 00
Pawnbroker	200 00
Peddler	460 00
Stands	69 00
Transient vendor	75 00
Used car dealer	2,225 00
Wine and malt beverages	54,041 00
One day beer	5 00
All alcoholic	42,400 00

\$106,126 25

State fees 425 00

12,154 50

COURT FINES

Middlesex County House of Correction	\$613 50
Miscellaneous	6 50
Third District Court	1,287 82

1,907 82

GRANTS AND GIFTS

From Commonwealth:

Maintenance of sundry schools	\$12,908 50
Tuition of sundry schools	4,173 16
English-speaking classes for adults	4,179 75
Federal Emergency Relief Fund	198,182 53

From County:

Dog licenses	2,547 83
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Amount carried forward \$221,991 77 \$6,649,207 37

Amount brought forward \$221,991 77 \$6,649,207 37

GRANTS AND GIFTS— *Concluded*

From Individuals:

Hopkins Fund	876 53	
Kinnear Fund	335 00	
Smith-Hughes Fund	1,545 05	
Employees' contribution for Welfare Relief	478,070 25	
James McVey gift to City Infirmary	300 00	
United Markets, Inc. gift to Public Welfare	200 00	
	<hr/>	703,318 60

TREASURY

For:

Advertising	\$137 00	
Certificates of lien	233 00	
Demands	4,102 73	
Examination of title	384 00	
Preparing and posting	75 00	
Releases and deeds of release	224 00	
Statutory fees	193 00	
Sale of machine	50 00	
Sale of stamps	3 84	
Telephone tolls	2 15	
	<hr/>	5,404 72

EXECUTIVE

Sale of automobile	\$100 00	
Sale of two eight-oared shells	20 00	
Telephone tolls	16 70	
	<hr/>	136 70

ENGINEERING

Sale of city maps and lists of streets		20 60
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CITY CLERK

Business certificates	\$87 25	
Certified copies	329 65	
Chiropody certificates	1 50	
Dog fees	251 40	
Married women's certificates	6 75	
Mortgages	1,973 03	
Optometry	1 00	
Physician's certificates	1 25	
Slaughterhouse	2 00	
Soldiers' discharge	25	
Sporting licenses	196 50	
Street lists	10	
Telephone tolls	80	
Zoning ordinances	75	
	<hr/>	2,852 23

BUILDING

Rent	\$575 00	
Heat	50 00	
Sale of sanitary supplies	7 15	
Telephone tolls	84	
	<hr/>	632 99

Amount carried forward \$7,361,573 21

Amount brought forward \$7,361,573 21

POLICE

Damage	\$9 00	
Sale of lantern	2 00	
Service of officers	5,142 00	
Telephone and telegrams	36 39	
	<hr/>	5,189 39

FIRE

Telephone tolls		45
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ELECTRICAL

Damages to traffic signals		530 90
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SEALER WEIGHTS AND MEASURES

Sealing fees		2,439 50
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HEALTH

Care at Tuberculosis Hospital from:

Cities and towns	\$3,335 68	
Commonwealth	1,138 50	
Sundry persons	1,884 20	
	<hr/>	\$6,358 38

Other contagious diseases from:

Cities and towns	\$2,547 43	
Commonwealth	13,008 00	
Sundry persons	625 50	
	<hr/>	16,180 93

Care of rabies	168 75	
Dental clinics	717 15	
	<hr/>	23,425 21

SEWER MAINTENANCE

Labor and use of pump	\$103 75	
Rent	104 00	
Sale of material	14 58	
	<hr/>	222 33

HOUSE OFFAL

Sale of offal		7,298 50
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STREET

For:

Rent of track	\$700 00	
Repairing streets	111 70	
Reimbursement prior year	8 00	
Driveways	1,171 95	
	<hr/>	1,991 65

CITY INFIRMARY

Board from:

Cities and towns	\$68 57	
Sundry persons	2,033 30	
Telephone tolls	35	
	<hr/>	2,102 22

Amount carried forward \$7,404,773 36

Amount brought forward \$7,404,773 36

OUTSIDE AID

Reimbursement from:

Cities and towns.	\$24,715 36
Commonwealth.	241,647 11
Sundry persons.	1,143 77
Reimbursements prior year.	2,006 32
Old age assistance.	34,548 00
Mothers' aid from cities and towns.	\$3,982 00
Mothers' aid from Commonwealth.	39,683 25
Mothers' aid reimbursement.	68 00
	<hr/>
	43,733 25

347,793 81

MUNICIPAL HOSPITAL

Board from sundry persons.	\$49,784 17
Telegrams.	21
Telephone tolls.	4 15
	<hr/>

49,788 53

SOLDIERS' BENEFITS

Military aid.	\$2,125 00
Soldiers' relief.	15 00
State aid.	12,462 75
	<hr/>

14,602 75

MUNICIPAL PENSIONS

Reimbursement prior year.	\$13 99
Teachers' retirement.	1,000 00
	<hr/>

1,013 99

SCHOOL

Minors' licenses.	\$70 25
Rent of halls.	568 00
Sales at Continuation School.	22 05
Sale of food at high school.	19,532 88
Sale of food at Rindge.	10,120 59
Sale of old typewriter.	29 75
Sight-saving classes.	1,000 00
Tuition of minor wards.	1,013 51
Tuition of non-resident pupils at:	
Continuation School.	452 44
Elementary.	66 00
Rindge Technical.	850 00
High and Latin.	150 00
Tuition of State Wards.	5,253 60
Use of Rindge by Harvard.	800 00
Miscellaneous receipts:	
Fines and damages.	\$162 22
Opportunity Lunch.	26 15
Reimbursement of refund on	
Minor's license.	75
Sale of books.	28 12
Sale of sanitary supplies.	61 55
Telephone tolls.	96 47
Income tax 1933, chapter 70.	135,080 00
	<hr/>
	135,455 26

175,384 33

Amount carried forward \$7,993,356 77

Amount brought forward \$7,993,356 77

LIBRARIES

Fines, rentals, etc.	\$1,216 00	
Reimbursement insurance	9 40	
	<hr/>	1,225 40

PARK

Forestry: removal of trees	\$38 23	
Damage	6 00	
Rent of band stand	52 50	
Rent of Russell Field	900 00	
Use of telephone by general public	9 95	
Use of towels at:		
Cambridge Field	\$370 30	
Corporal Burns Playground	268 30	
Rindge Field Shelter	910 10	
Russell E. Hoyt Shelter	386 35	
	<hr/>	1,935 05
	<hr/>	2,941 73

PUBLIC BATHS

Sale of soap and use of towels at:		
Fletcher School	\$323 49	
Haggerty School	121 55	
Roberts School	251 31	
Thorndike School	319 47	
	<hr/>	1,015 82

CEMETERY

Burials, care, etc.	\$19,543 52	
Sale of lots and graves	21,673 00	
Interest on Perpetual Care Fund	8,952 05	
	<hr/>	50,168 57

INTEREST

Accrued	\$2,237 10	
On deposit	1,778 92	
On special assessments	340 05	
On taxes	85,712 07	
On tax titles	9,648 53	
	<hr/>	99,716 67

PREMIUMS

Premiums on bond issues	\$6,430 00	
Premiums on temporary loans	4 00	
	<hr/>	6,434 00

MUNICIPAL SINKING FUNDS

From sinking funds to pay maturing debt	93,250 00
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LOANS

Temporary revenue loans	\$7,237,500 00	
Municipal relief loan	700,000 00	
	<hr/>	7,937,500 00

Amount carried forward \$16,185,608 96

Amount brought forward \$16,185,608 96

INCOME TRUST FUNDS

Bridge Fund	\$126 98	
Rev. Patrick H. Callanan Fund	8 75	
William Penn Harding Fund	35 00	
Edward L. Kingman Scholarship Fund	63 75	
Sarah E. Russell Fund	30 53	
Webster Thierry Fund	19 16	
	<hr/>	284 17

IN SETTLEMENT OF DAMAGE CLAIMS

Police	\$34 40	
Electrical	8 08	
Damage to persons and property	35 01	
	<hr/>	77 49

MISCELLANEOUS

Park revenue reserve	\$50 00	
Commission on pay stations	37 39	
Reimbursement on damage claim	10 00	
Unidentified cash received in the mail	1 00	
	<hr/>	98 39

REFUNDS

From Commonwealth:
Metropolitan Boulevard maintenance 1,200 46

Departmental appropriations:

Auditing	\$36 42	
City Clerk	25 00	
Election Commission	2 25	
Electrical	37 84	
Police	100 00	
Fire	13 04	
Interest on temporary revenue loans	71 56	
Library	11 50	
Municipal Hospital	346 61	
Municipal pensions	20,230 95	
Public welfare	10,680 81	
School	261 86	
Sewer maintenance	190 98	
Soldiers' relief	5,603 00	
Street maintenance	4,371 34	
Street stable	57 95	
	<hr/>	42,041 11

Total Maintenance and Operation 16,229,310 58

TEMPORARY ACCOUNTS

RETIREMENT SYSTEM FUNDS FOR PAYMENT

From Pension Accumulation Fund	\$9,000 79	
From Annuity Reserve Fund	773 05	
	<hr/>	9,773 84
<i>Amount carried forward</i>		\$16,239,084 42

Amount brought forward \$16,239,084 42

TRUST FUNDS

Cemetery:

Perpetual care	\$7,170 25
Deed in trust	30 00
Retirement system payroll deductions	23,202 21

30,402 46

GUARANTEE DEPOSITS

Contract Bids:

Electrical Department	\$9,726 90
Building Department	22,600 00
Police Department	500 00
Street Department	9,800 00
School Department	3,400 00
Park Department	3,500 00
Water Department	7,400 00
	<u>\$56,926 90</u>

Plans	215 00
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Departmental services:

Driveways	\$1,160 00
Park	220 00
License	158,395 50
	<u>159,775 50</u>

216,917 40

AGENCY

City clerk dog licenses	\$2,685 60
City clerk hunting and fishing licenses	1,520 00
City clerk trapping licenses	2 00
Tax titles held by individuals	3,253 07
Evening school deposits	564 00
Constables' fees	1,428 80
Elmer P. Kohler	50 00
Retirement system refunds	665 16
Deposits in lieu of surety bonds	31,000 00
Damage claim, water construction	483 33
Tailings account	103 30
	<u>41,755 26</u>

41,755 26

Total Temporary Accounts 298,848 96

MUNICIPAL ENTERPRISE

WATER

Meter rates	\$453,429 78
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Annual rates	15,613 85
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Miscellaneous bills:

Cleaning supply	\$442 00
Maintenance	1,817 44
Off and on	88 41
Rent	1,570 80
Seals	50
Setting meters	7 41
Supply	816 77
Supply renewal	5,291 70

10,035 03

\$479,078 66

Amount carried forward \$479,078 66 \$16,528,159 54

Amount brought forward \$479,078 66 \$16,528,159 54

WATER — *Concluded*

Reimbursement on salary	2 14
Reimbursement on registration of car, prior year	3 50
Telephone tolls	60

REFUNDS

Appropriation Accounts:

Water, general maintenance	47 27	
	<hr/>	479,132 17
Total Municipal Enterprise		479,132 17

REVENUE FOR OUTLAYS

LOANS

Bond issues:

Building construction	\$500,000 00
Street construction	365,000 00
Sewer construction	50,000 00
	<hr/> \$915,000 00

SEWER ASSESSMENTS RESERVED

Unapportioned	\$342 30
Added to taxes of 1932	612 18
Added to taxes of 1933	122 26
Committed interest	87 22
	<hr/> 1,163 96

SIDEWALK ASSESSMENTS RESERVED

Unapportioned	\$3,073 69
Added to taxes of 1931	8 98
Added to taxes of 1932	934 09
Added to taxes of 1933	1,548 62
Committed interest	159 13
	<hr/> 5,724 51

REFUNDS

Appropriation Accounts:

Rindge School construction	160 00	
	<hr/>	922,048 47
Total Outlays		922,048 47
		<hr/> \$17,929,340 18
Cash balance January 1, 1933		501,280 11
		<hr/> \$18,430,620 29
Grand total		

ADJUSTMENT OF CASH BALANCE

JANUARY 1, 1933

Maintenance and Operation:

Balance Sheet December 31, 1932..... -\$210,445 95

Less:

Guarantee Deposits (other than contract Bids)..... \$2,320 41

Agency..... 780 92

Tailings..... 2,475 37

Sewer Revenue..... 207 59

Sidewalk Revenue..... 1,231 50

Water Appropriation Balances (see analysis)..... 4,715 37

Water Surplus..... 39,561 27

-51,292 43

Total..... -\$261,738 38

Temporary Accounts:

Guarantee Deposits..... \$107,345 41

Retirement System Funds..... 1,515 30

Agency (including Tailings)..... 3,256 29

Total..... \$112,117 00

Municipal Enterprise:

Water Appropriation Balances..... \$4,715 37

Water Surplus..... 39,561 27

Total..... \$44,276 64

Outlays, Non-Revenue:

Balance Sheet December 31, 1932..... \$605,185 76

Sewer Revenue..... 207 59

Sidewalk Revenue..... 1,231 50

Total..... \$606,624 85

Summary:

Maintenance and Operation..... -\$261,738 38

Temporary Accounts..... 112,117 00

Municipal Enterprise..... 44,276 64

Outlays..... 606,624 85

\$501,280 11

Revenue Cash (Balance Sheet December 31, 1932).... \$106,540 30

Non-Revenue Cash (Balance Sheet Dec. 31, 1932).... 394,739 81

\$501,280 11

PAYMENTS

MAINTENANCE AND OPERATION

GENERAL GOVERNMENT

CITY COUNCIL

Personal Service:		
Permanent employees.....	\$7,424 66	
Service other than Personal:		
Transportation of persons.....	\$111 00	
Communication.....	2 80	
Stenographic, copying, indexing ...	267 52	
Service not otherwise coded.....	6 58	
	<hr/>	387 90
Supplies:		
Food and ice.....	657 00	
Incidental expenditures:		
Funeral.....	25 00	
	<hr/>	\$8,494 56

CLERK OF COMMITTEES

Personal Service:		
Permanent employees.....	\$8,316 00	
Temporary employees.....	41 25	
	<hr/>	\$8,357 25
Service other than Personal:		
Printing and binding.....	\$18 00	
Postage.....	22 25	
Service not otherwise coded.....	12 00	
	<hr/>	52 25
Supplies:		
Office.....	35 25	
	<hr/>	8,444 75

EXECUTIVE

Personal Service:		
Permanent employees.....	\$16,304 00	
Service other than Personal:		
Printing and binding.....	\$9 75	
Postage.....	145 81	
Advertising and posting.....	4 50	
Motor vehicle repairs and care	13 60	
Fees.....	2 00	
Service not otherwise coded.....	36 00	
	<hr/>	211 66
Equipment:		
Motor vehicle.....	\$1,495 00	
Office.....	45 93	
	<hr/>	1,540 93
Supplies:		
Office.....	\$309 58	
Food and ice.....	58 25	
Motor vehicle.....	398 02	
Supplies not otherwise coded.....	5 00	
	<hr/>	770 85
Special Items:		
Membership fee — U. S. Conference of Mayors..	30 00	
	<hr/>	18,857 44
Amount carried forward.....		<hr/> \$35,796 75

General Government — Continued

Amount brought forward \$35,796 75

AUDITING

Personal Service:		
Permanent employees	\$12,548 00	
Temporary employees	225 00	
	<hr/>	\$12,773 00
Service other than Personal:		
Printing and binding	\$524 50	
Postage	16 40	
Service not otherwise coded	18 82	
	<hr/>	559 72
Equipment:		
Office		14 38
Supplies:		
Office and departmental	\$710 60	
Food and ice	24 76	
	<hr/>	735 36
		<hr/>
		14,082 46

TREASURY

Personal Service:		
Permanent employees	\$34,847 80	
Temporary employees	225 00	
	<hr/>	\$35,072 80
Service other than Personal:		
Printing and binding	\$89 54	
Postage	3,014 27	
Advertising and posting	1,018 22	
Certification of revenue notes	1,200 00	
Rent	254 00	
Insurance	288 56	
Premium on surety bond	993 00	
Communication	193 45	
Fees	57 90	
Service not otherwise coded	47 80	
	<hr/>	7,156 74
Equipment:		
Office		455 00
Supplies:		
Office	\$1,815 82	
Food and ice	58 25	
	<hr/>	1,874 07
		<hr/>
		44,558 61

ADMINISTRATION OF SINKING FUNDS

Personal Service:		
Permanent employees	\$600 00	
Service other than Personal:		
Rent	40 00	
	<hr/>	640 00
		<hr/>
Amount carried forward		\$95,077 82

General Government — Continued

Amount brought forward \$95,077 82

ASSESSING

Personal Service:			
Permanent employees	\$23,536 00		
Temporary employees	2,980 00		
			\$26,516 00
Service other than Personal:			
Printing and binding	\$127 25		
Postage	89 00		
Advertising and posting	23 55		
Transportation of persons	118 96		
Service not otherwise coded	36 44		
			395 20
Supplies:			
Office	\$1,036 91		
Food and ice	63 50		
			1,100 41
			28,011 61

LICENSE

Personal Service:			
Permanent employees	\$6,216 00		
Temporary employees	242 00		
			\$6,458 00
Service other than Personal:			
Postage			31 00
Supplies:			
Office	\$269 00		
Badges	105 75		
			374 75
			6,863 75

POLE AND CONDUIT

Personal Service:			
Permanent employees		\$200 00	
Service other than Personal:			
Postage		6 00	
			206 00

CITY CLERK

Personal Service:			
Permanent employees		\$16,588 00	
Service other than Personal:			
Printing and binding	\$204 65		
Postage	243 50		
Advertising and posting	1,044 89		
Premium on surety bond	30 00		
Fees	302 34		
Service not otherwise coded	27 50		
			1,852 88
Supplies:			
Office	\$550 77		
Food and ice	39 80		
			590 57
Special Items:			
Magazines and law reports		2 50	
			19,033 95
Amount carried forward			\$149,193 13

General Government — Continued

Amount brought forward \$149,193 13

CITY MESSENGER

Personal Service:

Permanent employees \$3,200 00

Service other than Personal:

Postage \$4 50

Transportation of persons 10 00

14 50

Supplies:

Office 83 45

3,297 95

LAW

Personal Service:

Permanent employees \$7,882 87

Service other than Personal:

Printing and binding \$32 00

Postage 49 00

Transportation of persons 30 00

Rent 750 00

Communication 96 00

Fees 919 30

Photographic and blueprinting 90 69

Service not otherwise coded 18 75

1,985 74

Supplies:

Office \$142 14

Library 20 25

162 39

10,031 00

ELECTION COMMISSION

Personal Service:

Permanent employees \$9,578 12

Temporary employees 16,490 50

\$26,068 62

Service other than Personal:

Printing and binding \$3,861 76

Postage 314 00

Advertising and posting 456 47

Transportation of persons 75 00

Cartage and freight 1,807 25

Rent 710 00

Communication 100 28

Service not otherwise coded 550 74

7,875 50

Supplies:

Office \$456 43

Laundry, cleaning 2 00

Supplies not otherwise coded 153 72

612 15

34,556 27

Amount carried forward \$197,078 35

General Government — Continued

Amount brought forward \$197,078 35

ENGINEERING

Personal Service:

Permanent employees \$19,793 00

Service other than Personal:

Printing and binding \$21 00
 Postage 6 00
 Transportation of persons 40 20
 Motor vehicle repairs and care 24 28
 Fees 4 00
 Photographic and blueprinting 5 37
 Service not otherwise coded 2 50

103 35

Supplies:

Office \$102 75
 Motor vehicle 177 10
 Supplies not otherwise coded 64 17

344 02

Special Items:

Personal service \$1,092 00
 Supplies 20 63

1,112 63

21,353 00

INSPECTION OF BUILDINGS

Personal Service:

Permanent employees \$19,354 00

Service other than Personal:

Printing and binding \$42 25
 Postage 47 00
 Transportation of persons 200 00
 Motor vehicle repairs and care 53 76
 Fees 4 00
 Service not otherwise coded 2 50

349 51

Supplies:

Office \$158 74
 Food and ice 44 43
 Motor vehicle 222 51

425 68

20,129 19

MUNICIPAL BUILDINGS

Personal Service:

Permanent employees \$31,466 33

Service other than Personal:

Advertising and posting \$5 00
 Cartage and freight 4 69
 Light and power 2,868 62
 Boiler inspection 10 00
 Service not otherwise coded 287 64
 Laundering towels 145 02

3,320 97

Amount carried forward \$34,787 30 \$238,560 54

General Government — *Concluded*

Amount brought forward \$34,787 30 \$238,560 54

MUNICIPAL BUILDINGS— *Concluded*

Equipment.			
Equipment not otherwise coded		27 00	
Supplies:			
Fuel	\$2,964 87		
Chemicals and disinfectants	45 32		
Laundry, cleaning	379 96		
Supplies not otherwise coded	423 13		
		3,813 28	
Special Items:			
Making building safe (Belvidere Place)	\$52 54		
Repairs to roof of City Hall	598 05		
Repairs to Morse School, fire damage	305 00		
		955 59	
			39,583 17

PROTECTION OF LIFE AND PROPERTY

POLICE

Personal Service:			
Permanent employees	\$540,592 23		
Service other than Personal:			
Printing and binding	\$22 00		
Postage	148 00		
Advertising and posting	11 43		
Transportation of persons	25 05		
Light and power	1,004 39		
Rent	318 00		
Communication	3,032 59		
Motor vehicle repairs and care	1,761 49		
Stenographic, copying, indexing	15 00		
Service not otherwise coded	254 24		
		6,592 19	
Equipment:			
Tools and instruments	\$199 39		
Wearing apparel	3,457 50		
Regalia	116 97		
		3,773 86	
Supplies:			
Office	\$1,514 75		
Food and ice	88 22		
Laundry, cleaning	126 85		
Motor vehicle	6,361 02		
Supplies not otherwise coded	267 35		
		8,358 19	
			559,316 47

FIRE

Personal Service:			
Permanent employees	\$442,992 80		
Service other than Personal:			
Printing and binding	\$15 00		
Postage	9 83		
Cartage and freight	10 06		
<i>Amount carried forward</i>	\$34 89	\$442,992 80	\$837,460 18

Protection of Life and Property — Continued

Amount brought forward \$34 89 \$442,992 80 \$837,460 18

FIRE — Concluded

Light and power	926 05	
Communication	135 23	
Motor vehicle repairs and care	541 22	
Boiler inspection	55 00	
Service not otherwise coded	85 69	
	<hr/>	1,778 08

Equipment:

Wearing apparel	\$1,379 19	
Rescue company and drill tower equipment	287 98	
	<hr/>	1,667 17

Supplies:

Office	\$208 88	
Fuel	3,814 27	
Laundry, cleaning	1,156 24	
Motor vehicle — gas and oil	1,508 79	
Chemicals and disinfectants	358 50	
Supplies not otherwise coded	2,282 10	
Motor supplies and parts	1,776 21	
	<hr/>	11,104 99

Special Items:

Building repairs	808 83	
	<hr/>	458,351 87

ELECTRICAL

Personal Service:

Permanent employees	\$57,859 25	
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Service other than Personal:

Postage	\$5 00	
Transportation of persons	280 00	
Cartage and freight	7 00	
Light and power	119 86	
Rent	120 00	
Communication	289 99	
Motor vehicle repairs and care	94 75	
Fees	12 00	
Service not otherwise coded	55 20	
	<hr/>	983 80

Equipment:

Tools and instruments	15	
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Supplies:

Office	\$133 39	
Laundry, cleaning	10 57	
Motor vehicle	837 59	
Supplies not otherwise coded	536 76	
	<hr/>	1,518 31

Special Items:

Improvement of safety islands on Massachusetts Avenue	1,318 03	
	<hr/>	61,679 54

Amount carried forward \$1,357,491 59

Protection of Life and Property — *Concluded*

Amount brought forward \$1,357,491 59

STREET LIGHTING AND TRAFFIC

Service other than Personal:

Lighting streets and alleys \$132,038 89

Electrical Traffic Signals:

Current for traffic signals and

spotlights \$4,193 27

Lamp renewals 183 90

Repairs to signals 133 40

4,510 57

136,549 46

SEALER OF WEIGHTS AND MEASURES

Personal Service:

Permanent employees \$10,080 00

Service other than Personal:

Postage \$6 00

Advertising and posting 2 00

Transportation of persons 5 00

Communication 36 45

Motor vehicle repairs and care 109 51

Fees 4 00

162 96

Equipment:

Tools and instruments 63 40

Supplies:

Office \$56 50

Motor vehicle 159 74

Supplies not otherwise coded 22 80

239 04

10,545 40

PARK — FORESTRY DIVISION

Personal Service:

Permanent employees \$18,056 36

Service other than Personal:

Postage \$3 00

Advertising and posting 5 00

Motor vehicle repairs and care 115 34

Medical 240 00

Service not otherwise coded 35 95

399 29

Supplies:

Office \$35 89

Motor vehicle 265 07

Chemicals and disinfectants 99 96

Supplies not otherwise coded 134 93

535 85

Special Items:

Workingmen's Compensation 169 71

19,161 21

Amount carried forward \$1,523,747 66

Amount brought forward \$1,523,747 66

HEALTH AND SANITATION

HEALTH — GENERAL

Personal Service:

Medical inspectors	\$3,471 65	
Sanitary inspectors	8,745 01	
Inspectors of provisions and slaughtering	7,380 00	
Housing inspector	2,700 00	
Office employees	7,922 00	
Social worker	1,830 16	
School physicians and school nurses	25,222 84	
Infant welfare nurses	6,800 00	
T. B. dispensary physicians and nurses	4,181 47	
Contagious nurses	3,088 49	
Schick testing physician	1,500 00	
Clinic nurse	1,700 00	
		\$74,541 62

Service other than Personal:

Printing and binding	\$108 75	
Postage	307 73	
Transportation of persons	900 00	
Cartage and freight	26 25	
Rent	3 00	
Communication	159 65	
Motor vehicle repairs and care	87 96	
Care of persons	27,724 10	
Fees	6 00	
Service not otherwise coded	24 45	
		29,347 89

Equipment:

Office		29 00
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Supplies:

Office	\$440 73	
Food and ice	56 20	
Motor vehicle	348 41	
Supplies not otherwise coded	5 10	
School inspection	163 70	
Infant welfare	60 95	
Schick clinics	104 88	
Tuberculosis dispensary	9 40	
		1,189 37

105,107 88

TUBERCULOSIS HOSPITAL

Personal Service:

Permanent employees	\$32,377 40	
Temporary employees	489 00	
		\$32,866 40

Service other than Personal:

Postage	\$21 28	
Advertising and posting	16 30	
Cartage and freight	22 91	
Light and power	172 12	

Amount carried forward \$232 61 \$32,866 40 \$1,628,855 54

Health and Sanitation — Continued

Amount brought forward \$232 61 \$32,866 40 \$1,628,855 54

TUBERCULOSIS HOSPITAL — Concluded

Communication	122 83		
Medical	10 00		
Fees	10 00		
Service not otherwise coded	521 32		
		896 76	
Equipment:			
Furniture and fittings	\$141 65		
Sanitary	155 80		
		297 45	
Supplies:			
Office	\$7 93		
Food and ice	17,285 68		
Fuel	4,438 76		
Medical, surgical, laboratory	1,558 82		
Laundry, cleaning	489 08		
Agricultural	106 25		
Chemicals and disinfectants	26 00		
Supplies not otherwise coded	678 43		
Engine and fireroom	300 35		
Bedding and linen	758 69		
		25,649 99	
			59,710 60

LABORATORY

Personal Service:			
Permanent employees	\$5,710 00		
Temporary employees	35 00		
		\$5,745 00	
Service other than Personal:			
Postage	\$27 22		
Motor vehicle repairs and care	15 75		
Fees	4 50		
Service not otherwise coded	54		
		48 01	
Supplies:			
Office	\$66 43		
Medical, surgical, laboratory	154 96		
Motor vehicle	81 87		
Supplies not otherwise coded	1 00		
		304 26	
			6,097 27

DENTAL CLINICS

Personal Service:			
Permanent employees		\$14,922 00	
Supplies:			
Office	\$58 00		
Medical, surgical, laboratory	732 90		
		790 90	
			15,712 90

INSPECTION OF ANIMALS

Personal Service:			
Permanent employee		2,000 00	
Amount carried forward			\$1,712,376 31

Health and Sanitation — Concluded

Amount brought forward \$1,712,376 31

SEWER MAINTENANCE

Personal Service:

Permanent employees \$34,096 57

Service other than Personal:

Printing and binding	\$15 00	
Postage	4 50	
Light and power	55 15	
Communication	87 67	
Motor vehicle repairs and care	455 43	
Medical	42 00	
Fees	18 00	
Service not otherwise coded	67 06	
		744 81

Equipment:

Apparatus, cable, wire, etc.	\$65 12	
Tools and instruments	3 10	
Wearing apparel	16 17	
		84 39

Supplies:

Office	\$17 00	
Fuel	143 67	
Medical, surgical, laboratory	5 35	
Motor vehicle	2,654 62	
Chemicals and disinfectants	11 27	
Supplies not otherwise coded	132 17	
		2,964 08

Materials:

Sewer 229 78

Special Items:

Workingmen's Compensation	359 99	
		38,479 62

STREET — SANITARY DIVISION

Personal Service:

Permanent employees \$285,301 68

Service other than Personal:

Motor vehicle repairs and care	\$699 32	
Medical	699 50	
Fees	78 00	
		1,476 82

Equipment:

Equipment not otherwise coded 67 22

Supplies:

Motor vehicle	\$10,263 67	
Supplies not otherwise coded	134 81	
		10,398 48

Special Items:

Workingmen's compensation	2,635 64	
		299,879 84

Amount carried forward \$2,050,735 77

Amount brought forward \$2,050,735 77

HIGHWAYS AND BRIDGES

STREET MAINTENANCE

Personal Service:

Permanent employees \$257,195 81

Service other than Personal:

Printing and binding \$75 00
 Postage 23 50
 Advertising and posting 27 18
 Hire of teams and auto trucks 1,022 11
 Light and power 1,461 30
 Motor vehicle repairs and care 833 23
 Snow removal 16,441 40
 Medical 133 50
 Fees 66 00
 Boiler inspection 60 00
 Service not otherwise coded 546 70

20,689 92

Equipment:

Machinery \$50 00
 Tools and instruments 498 75

548 75

Supplies:

Office \$228 44
 Food and ice 11 75
 Fuel 121 65
 Motor vehicle 12,442 57
 Supplies not otherwise coded 1,489 44

14,293 85

Materials:

Highway \$5,109 35
 Bridge 121 41

5,230 76

Special Items:

Workingmen's compensation \$1,650 85
 Bitulithic repairs 107 16

1,758 01

299,717 10

STREET MAINTENANCE — STABLE ACCOUNT

Personal Service:

Permanent employees \$37,486 23

Service other than Personal:

Light and power \$559 85
 Communication 398 36
 Medical 2 00
 Service not otherwise coded 58 20

1,018 41

Supplies:

Fuel \$1,206 00
 Supplies not otherwise coded 698 13

1,904 13

40,408 77

Amount carried forward \$2,390,861 64

Highways and Bridges — *Concluded*

Amount brought forward \$2,390,861 64

BOSTON AND CAMBRIDGE BRIDGES

Personal Service:			
Permanent employees	\$4,252 00		
Service other than Personal:			
Printing and binding	\$5 00		
Light and power	2,715 74		
		2,720 74	
Supplies:			
Office	\$11 37		
Supplies not otherwise coded	46 98		
		58 35	
Special Items:			
Boston retirement system	739 00		
			7,770 09

CHARITIES

MUNICIPAL HOSPITAL

Personal Service:			
Permanent employees	\$110,424 85		
Temporary employees	4,107 99		
Unassigned — special nurses	3,502 25		
		\$118,035 09	
Service other than Personal:			
Postage	\$372 00		
Transportation of persons	96 92		
Cartage and freight	75 37		
Light and power	7,982 27		
Communication	1,839 63		
Examinations	1,098 75		
Boiler inspection	30 00		
Service not otherwise coded	5,643 24		
Graduation expenses	67 75		
		17,205 93	
Equipment:			
Machinery	\$924 45		
Office	81 25		
Medical, surgical, laboratory	218 05		
Equipment not otherwise coded	1,003 16		
		2,226 91	
Supplies:			
Office	\$1,930 97		
Food and ice	45,971 78		
Fuel	6,546 09		
Medical, surgical, laboratory	26,358 85		
Laundry, cleaning	4,903 26		
Supplies not otherwise coded	8,323 08		
		94,034 03	
Special Items:			
Workingmen's compensation	428 55		
			231,930 51
<i>Amount carried forward</i>			\$2,630,562 24

Charities — Continued

Amount brought forward..... \$2,630,562 24

PUBLIC WELFARE — CITY HOME

Personal Service:

Permanent employees..... \$35,904 00

Service other than Personal:

Postage..... \$25 00
 Transportation of persons..... 454 48
 Light and power..... 2,367 94
 Communication..... 195 10
 Motor vehicle repairs and care..... 8 00
 Medical..... 45 08
 Fees..... 2 00
 Boiler inspection..... 20 00
 Burial..... 330 00
 Service not otherwise coded..... 422 93

3,870 53

Equipment:

Furniture and fittings..... \$99 00
 Wearing apparel..... 623 84

722 84

Supplies:

Office..... \$42 72
 Food and ice..... 15,626 60
 Fuel..... 3,574 98
 Medical, surgical, laboratory..... 1,025 50
 Laundry, cleaning..... 551 01
 Motor vehicle..... 117 20
 Chemicals and disinfectants..... 19 60
 Tobacco..... 607 14
 Supplies not otherwise coded..... 1,110 30

22,675 05

63,172 42

PUBLIC WELFARE — OUTSIDE AID

Personal Service:

Permanent employees..... \$31,848 00
 Temporary employees..... 1,868 51

\$33,716 51

Service other than Personal:

Printing and binding..... \$22 50
 Postage..... 320 00
 Transportation of persons..... 600 00
 Cartage and freight..... 10 67
 Light and power..... 6 93
 Rent..... 120 00
 Communication..... 301 16
 Motor vehicle repairs and care..... 41 28
 Service not otherwise coded..... 5 35

1,427 89

Supplies:

Office..... \$841 90
 Motor vehicle..... 124 33

966 23

Amount carried forward..... \$36,110 63 \$2,693,734 66

Charities — Continued

Amount brought forward \$36,110 63 \$2,693,734 66

PUBLIC WELFARE — OUTSIDE AID — Concluded

Materials:

Building 16 20

Special Items:

Ambulance service \$707 50

Burials 619 00

Cash Aid 748,684 75

Clothing 6,204 77

Food 2,574 62

Fuel 32,225 48

Medical 5,959 65

Mothers' Aid 77,649 25

Old age assistance 118,679 00

State, cities and towns 90,303 95

Unpaid bills of 1932:

Cartage and freight \$2 25

Rent 10 00

Office supplies 45 47

Motor vehicle supplies 7 00

Ambulance service 114 00

Cash aid 235 80

Clothing 552 36

Food 954 00

Medical 273 91

2,194 79

1,085,802 76

1,121,929 59

SOLDIERS' BENEFITS

Personal Service:

Permanent employees \$8,600 00

Service other than Personal:

Postage \$75 00

Transportation of persons 84 00

Service not otherwise coded 16 00

175 00

Supplies:

Office \$65 70

Food and ice 6 75

72 45

Special Items:

State and military aid, soldiers' relief and burial 145,095 52

Incidental Expenditures:

Markers and care of soldiers' graves 836 91

154,779 88

MUNICIPAL PENSIONS

Personal Service:

Permanent employees \$200 00

Supplies:

Office 9 00

Amount carried forward \$209 00 \$3,970,444 13

Charities — *Concluded*

Amount brought forward \$209 00 \$3,970,444 13

MUNICIPAL PENSIONS — *Concluded*

Municipal Pensions:

Treasury	\$1,872 00	
License	689 00	
Engineering	1,999 90	
Building	981 32	
Police	26,805 02	
Fire	39,919 81	
Health	1,445 05	
Sewer	13,332 08	
Street	66,141 99	
City Home	1,149 66	
School	3,097 04	
Library	624 00	
Park	4,248 35	
Cemetery	2,553 73	
Water	18 81	
	<hr/>	164,877 76
		<hr/>
		165,086 76

EDUCATION

SCHOOL DEPARTMENT

For:

Salary of Superintendent and Assistant Superintendent of Schools	\$12,700 00	
Other general administrative salaries	60,991 02	
Athletic clothing	998 87	
Care of truants	242 00	
Fuel	26,309 13	
Furniture and furnishings	543 80	
Gas and electricity	15,726 88	
General expenses	7,351 32	
General supplies	28,593 78	
Janitors' salaries	131,000 34	
Janitors' supplies	3,751 93	
Lunch room supplies	25,788 85	
Minors' licenses	45 75	
Other expenses	9,895 54	
Pensions	3,547 88	
Repairs	16,043 60	
Teachers' salaries	1,481,961 88	
Textbooks	9,902 37	
Transportation of pupils	1,879 00	
Travel outside of state	63 41	
Tuition to other cities	5,785 70	
	<hr/>	1,843,123 05
		<hr/>
<i>Amount carried forward</i>		\$5,978,653 94

Amount brought forward..... \$5,978,653 94

LIBRARIES

CENTRAL LIBRARY AND BRANCHES

Personal Service:

Permanent employees.....	\$61,526 22	
Temporary employees.....	39 60	
	<hr/>	\$61,565 82

Service other than Personal:

Printing and binding.....	\$1,167 05	
Postage.....	237 50	
Transportation of persons.....	30 00	
Cartage and freight.....	12 14	
Light and power.....	1,064 86	
Rent.....	4,054 33	
Insurance.....	820 33	
Communication.....	510 04	
Motor vehicle repairs and care.....	71 21	
Fees.....	2 00	
Boiler inspection.....	20 00	
Service not otherwise coded.....	446 01	
	<hr/>	8,435 47

Equipment:

Electrical.....	\$109 78	
Furniture and fittings.....	254 40	
Office.....	59 45	
	<hr/>	423 63

Supplies:

Office.....	\$1,635 39	
Fuel.....	643 99	
Library.....	7,942 94	
Laundry, cleaning.....	160 45	
Motor vehicle.....	97 41	
Supplies not otherwise coded.....	215 10	
	<hr/>	10,695 28

Special Items:

Repairs to Main Library.....	1,204 90	
	<hr/>	

82,325 10

RECREATION

PARK MAINTENANCE — GENERAL

Personal Service:

Permanent employees.....	\$51,229 06	
Temporary employees.....	491 98	
	<hr/>	\$51,721 04

Service other than Personal:

Printing and binding.....	\$30 00	
Postage.....	15 50	
Advertising and posting.....	4 50	
Cartage and freight.....	8 57	
Hire of teams and auto trucks.....	38 63	
Light and power.....	487 58	
Lighting parks.....	1,022 17	
Rent.....	220 00	
Communication.....	186 81	
Motor vehicle repairs and care	193 49	
	<hr/>	

Amount carried forward.....	\$2,207 25	\$51,721 04	\$6,060,979 04
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Recreation — *Concluded*

Amount brought forward \$2,207 25 \$51,721 04 \$6,060,979 04

PARK MAINTENANCE — GENERAL — *Concluded*

Medical	202 55	
Service not otherwise coded	521 70	
Laundering towels	597 61	
	<hr/>	3,529 11

Equipment:

Motor vehicle	\$196 00	
Educational and recreational	119 43	
Wearing apparel	15 76	
	<hr/>	331 19

Supplies:

Office	\$115 27	
Food and ice	52 25	
Fuel	2,898 81	
Laundry, cleaning	394 18	
Educational and recreational	61 06	
Agricultural	133 92	
Motor vehicle	500 58	
Chemicals and disinfectants	40 42	
Supplies not otherwise coded	1,279 68	
New towels	92 50	
	<hr/>	5,568 67

Materials:

Highway		36 57
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Special Items:

Shelter building at Fresh Pond	\$742 63	
Tools and materials for golf course	2,995 07	
Workingmen's compensation	123 43	
	<hr/>	3,861 13

65,047 71

PARK PLAYGROUNDS

Personal Service:

Permanent employees	\$11,776 75	
Temporary employees	12,894 11	
	<hr/>	\$24,670 86

Service other than Personal:

Printing and binding	\$20 00	
Postage	39 00	
Transportation of persons	75 00	
Cartage and freight	13	
Rent	185 00	
Motor vehicle repairs and care	21 00	
Medical	32 00	
Service not otherwise coded	24 18	
	<hr/>	396 31

Supplies:

Office	\$82 52	
Food and ice	8 75	
Medical, surgical, laboratory	41 80	
Educational and recreational	808 48	
Motor vehicle	77 12	
Supplies not otherwise coded	77 06	
	<hr/>	1,095 73

26,162 90

Amount carried forward \$6,152,189 65

Amount brought forward..... \$6,152,189 65

UNCLASSIFIED

DAMAGES TO PERSONS AND PROPERTY

Executions of the Court:

William Shaw McCollum, Attorney for Josephine A. Emerson.....	\$426 94	
William F. Kane, Attorney for Anna McNeil.....	967 68	
James T. Cassidy, Attorney for Mary F. Sullivan.....	900 00	
		\$2,294 62

Injuries from defects in sidewalks and streets:

Jeanette Barrett.....	\$185 00	
Herbert E. Butler.....	75 00	
Oleon E. Button, as father and next friend of Mildred W. Button, a minor.....	40 00	
Margaret Cahill.....	300 00	
Elizabeth A. Campbell.....	75 00	
Margaret Connell.....	125 00	
William H. Corey.....	25 00	
Harvey D. Cote.....	200 00	
Lillian P. Crozier.....	325 00	
Salvatore D'Emelia.....	600 00	
Aurelia De Modugno.....	225 00	
Thomas Doherty, next friend of Phyllis Doherty.....	100 00	
Margaret Edler.....	690 00	
Helen L. Fanning.....	6 00	
Joseph Fontes, father and next friend of Harold A. Fontes, a minor....	100 00	
Laura Ford.....	50 00	
Mary F. Gallivan, mother and next friend of John Gallivan, a minor	95 00	
Josephine Gullifa.....	150 00	
Helen Harrington.....	125 00	
Katherine E. Hayes, next friend of Mary B. Maynard, a minor	50 00	
Henrietta Hennessey.....	100 00	
Annette Hicks.....	100 00	
Mary F. Honekamp.....	150 00	
Bertha Horgan.....	175 00	
Annie Johnson.....	80 25	
Rita Jordan.....	100 00	
John E. Kelley.....	300 00	
Delia Kelly.....	62 50	
Minnie Leahy, Administrator of the estate of David Leahy.....	225 00	
Bertha Lester.....	500 00	
Thelma Levy.....	75 00	
John F. Galligan.....	265 00	
Marie Lopes.....	100 00	
Mary Marshall Macimeno.....	75 00	
Mary Mahoney.....	90 00	
Frank Marsden.....	100 00	
<i>Amount carried forward</i>	\$6,038 75	\$2,294 62
		\$6,152,189 65

Unclassified — Continued

Amount brought forward \$6,038 75 \$2,294 62 \$6,152,189 65

DAMAGES TO PERSONS AND PROPERTY — Continued

Injuries from defects in sidewalks and streets — Continued

Mae Marston	175 00
Kenneth McCallum	50 00
Mary McDonald	125 00
Blanche McGovern	350 00
John H. McGowan	35 00
George F. Morris, next friend of Frances Morris	125 00
Anna L. Murphy	50 00
Edna May O'Connell	200 00
Anna G. Powers	65 00
Ariel Rodgers, next friend of William C. Rodgers	50 00
Sarah Scott	100 00
Michael F. Sheehan	325 00
William Sobutis, father and next friend of Stella Sobutis	75 00
Augusta Thompson	75 00
Gaspere Tompasona	250 00
Rose M. Turner	125 00
Gene White	90 00
Margaret Wise	100 00
Mary R. Woodworth	100 00

8,503 75

Damages from defects in streets:

Albert J. Calef	\$21 85
Francis V. Casey	5 00
Elizabeth Cronin	16 10
Margaret Cronin	17 35
John E. Lane	7 90
Ruth M. Wunderly	9 00

77 20

Injuries from Miscellaneous Causes

Edmund M. Burke	\$7 00
James T. Connerty, next friend of Mary T. Connerty	50 00

57 00

Miscellaneous Claims:

Louise Babineau	\$15 00
Sebastiano Bellissimo	10 25
Bernard Clancy	15 00
George C. Edward	9 30
Thomas E. Fitzgerald	5 00
Raymond S. Houde	35 00
Elizabeth Kelley	30 05
Alice P. Keough	75 00
Walter G. King	150 00
Zaccaheus Layne	200 00
Rose Levine	75 00
Liquid Carbonic Corp.	142 45
James H. Lynch	30 00
Maddison Realty Co.	30 00

Amount carried forward \$822 05 \$10,932 57 \$6,152,189 65

Unclassified — Continued

Amount brought forward \$822 05 \$10,932 57 \$6,152,189 65

DAMAGES TO PERSONS AND PROPERTY — Concluded

Miscellaneous Claims— Concluded

Ann Murray	100 00		
Joseph O'Connor	150 00		
Charles H. Presho	150 00		
Gertrude M. Shea	75 00		
Thomas J. Sheehan	10 00		
Gideon Sunman	950 00		
Ada Sheffield	25 83		
Frederick H. Viaux	500 00		
		2,782 88	
			13,715 45

FLETCHER SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees	\$1,629 00		
Supplies:			
Soap, towels, laundry	309 98		
			1,938 98

HAGGERTY SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees	\$918 00		
Supplies:			
Soap, towels, laundry	83 60		
			1,001 60

ROBERTS SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees	\$693 00		
Supplies:			
Soap, towels, laundry	229 54		
			922 54

THORNDIKE SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees	\$1,616 00		
Supplies:			
Soap, towels, laundry	402 56		
			2,018 56

BOARD OF APPEAL

Personal Service:			
Permanent employees	\$770 00		
Service other than Personal:			
Postage	\$80 00		
Advertising and posting	191 25		
		271 25	
			1,041 25

Amount carried forward \$6,172,828 03

Unclassified — Continued

Amount brought forward \$6,172,828 03

TELEPHONE EXCHANGE

Personal Service:			
Permanent employees	\$1,627 00		
Temporary employees	57 00		
		\$1,684 00	
Service other than Personal:			
Communication		2,514 02	
Supplies:			
Office		10 50	
			4,208 52

EMPLOYMENT

Personal Service:			
Permanent employees	\$3,300 00		
Supplies:			
Office		10 00	
			3,310 00

RETIREMENT

Personal Service:			
Permanent employees	\$1,795 04		
Service other than Personal:			
Printing and binding	\$45 25		
Postage	3 00		
Premiums on surety bonds	125 00		
Expert — Actuary	720 00		
		893 25	
Equipment:			
Office		4 00	
Supplies:			
Office		7 20	
			2,699 49

RETIREMENT SYSTEM

City's contribution to pension accumulation fund	28,017 42
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MILITIA, USE OF RIFLE RANGE

Use of rifle range at Wakefield	3,325 06
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PUBLIC CELEBRATIONS

Patriots' Day	\$153 00	
Labor Day	86 93	
Music for "National Recovery Act" Program	250 00	
Dedication of Thaddeus Kosciuszki Square	200 00	
Dedication of Edward Leo Zimmerman Square	200 00	
		889 9

MEMORIAL DAY

Observance of Memorial Day by:		
G. A. R., Post 30	\$384 95	
G. A. R., Post 56	465 85	
Spanish War Veterans	300 00	
Veterans of Foreign Wars	546 25	
American Legion	1,348 92	
		3,045 97

Amount carried forward	\$6,218,324 42
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Unclassified — Concluded

Amount brought forward \$6,218,324 42

CAMBRIDGE FIRE DEPARTMENT MEMORIAL DAY

Paid to City Fire Fighters' Union, Local No. 30 350 00

CAMBRIDGE POLICE DEPARTMENT MEMORIAL DAY

Paid to sundry persons 132 00

REVISION OF CITY ORDINANCES

Personal Service \$851 25

Supplies 12 35

863 60

ANNUAL DOCUMENTS

Printing of annual documents for the year ending December 31, 1932 1,940 00

POST 30, G. A. R. HEADQUARTERS

For rent of headquarters \$336 00

For lighting of headquarters 26 83

For heating of headquarters 20 98

383 81

POST 299, RUSSELL E. HOYT HEADQUARTERS

For rent of headquarters 900 00

CEMETERIES

CEMETERY

Personal Service:

Permanent employees \$25,015 00

Temporary employees 19,628 54

\$44,643 54

Service other than Personal:

Printing and binding \$73 00

Postage 81 00

Advertising and posting 18 00

Cartage and freight 4 47

Hire of teams and auto trucks 108 00

Light and power 53 00

Rent 210 52

Communication 165 53

Motor vehicle repairs and care 79 87

Fees 2 00

Service not otherwise coded 101 07

896 46

Equipment:

Tools and instruments \$368 25

Equipment not otherwise coded 72 70

440 95

Supplies:

Office \$116 33

Food and ice 55 54

Fuel 232 09

Agricultural 1,461 30

Motor vehicle 609 20

Supplies not otherwise coded 761 68

3,236 14

Amount carried forward \$49,217 09 \$6,222,893 83

Cemeteries — *Concluded*

Amount brought forward \$49,217 09 \$6,222,893 83

CEMETERY — *Concluded*

Materials:

Building	\$125 60	
Highway	478 03	
Materials not otherwise coded	268 72	
	<hr/>	872 35

Special Items:

Preparation of new lots	4,900 43	
	<hr/>	54,989 87

DEBT SERVICE

INTEREST

On Anticipation of Revenue Notes	\$153,857 03	
Sewer loans	\$62,279 37	
Bridge loans	77,680 00	
Street loans	107,893 63	
Building loans	33,955 00	
Hospital loans	19,715 00	
Schoolhouse loans	86,351 25	
Park loans	41,035 00	
Land for Playgrounds loans	5,289 50	
Departmental Equipment loans	1,045 00	
White Charity Fund	600 00	
Sanders Temperance Fund	600 00	
Dowse Institute Fund	600 00	
	<hr/>	437,043 75
		<hr/>
		590,900 78

SERIAL LOANS

Sewer	\$47,500 00	
Bridge	40,500 00	
Street	509,400 00	
Building	55,000 00	
Hospital	50,500 00	
Schoolhouse	166,500 00	
Park	3,000 00	
Land for Playgrounds	3,300 00	
Departmental Equipment	19,000 00	
	<hr/>	894,700 00

FUNDED LOANS

Sewer	\$60,000 00	
Street	28,250 00	
Schoolhouse	5,000 00	
	<hr/>	93,250 00
<i>See "Analysis of Appropriation Accounts" (Insert), column 13</i>		7,856,734 48

TEMPORARY REVENUE LOANS

Loans in anticipation of revenue	6,851,500 00
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PREMIUM ACCOUNT

Preparation and certification of bonds	3,220 00
	<hr/>
<i>Amount carried forward</i>	\$14,711,454 48

Debt Service — *Concluded*

Amount brought forward \$14,711,454 48

STATE, COUNTY AND METROPOLITAN DISTRICT TAXES

State tax	\$252,270 00	
County tax	253,307 79	
Abatement of smoke nuisance tax	1,668 33	
Alewife Brook tax	277 25	
Canterbury Street Highway tax	1,125 91	
Care of Civil War veterans tax	514 30	
Charles River Basin tax	16,599 11	
Charles River Basin, account bridge tax	25,883 21	
Metropolitan Planning tax	948 08	
Metropolitan Park tax	90,373 42	
Metropolitan Sewer tax	84,976 86	
Municipal audit tax	4,172 59	
Ways in Malden, Braintree, Weymouth and Hingham tax	41 07	
West Roxbury-Brookline Parkway tax	9,905 44	
Veterans' exemption tax	714 81	
Boston Elevated Railway deficit tax	235,996 08	
Boston Elevated Railway deficit, subway rentals tax	6,576 05	
Investigation of Boston Elevated Railway tax	163 11	
Ocean Avenue Highway, Revere	2,220 11	
Land takings, State Highway, Revere tax	2,197 16	
Investigation, Soldiers' Relief tax	413 98	
Old age assistance tax	33,287 00	
		<u>1,023,631 66</u>

INCOME TRUST FUNDS

Sundry Payments:		
Webster Thierry Fund, School	\$6 75	
Bridge Fund, Welfare	311 25	
		<u>318 00</u>

SMITH-HUGHES FUND

School	
Sundry payments	2,646 74

HOPKINS FUND

School	
Sundry payments	1,140 78

GEORGE REED FUND

School	
Sundry payments	49 66

REFUNDS

TAXES

Levy 1930	\$2 00	
Levy 1931	2,119 45	
Levy 1932	25,494 68	
Levy 1933	3,217 30	
		<u>30,833 43</u>
<i>Amount carried forward</i>		\$15,770,074 75

Refunds — *Concluded*

Amount brought forward \$15,770,074 75

OLD AGE ASSISTANCE TAX

Levy 1931	\$113 00	
Levy 1932	21 00	
Levy 1933	3 00	
	<hr/>	137 00

MOTOR VEHICLE EXCISE TAX

Levy 1932	\$1,036 85	
Levy 1933	1,933 18	
	<hr/>	2,970 03

WELFARE CONTRIBUTIONS

Sundry persons, erroneous deductions		8 92
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DEPARTMENTAL ACCOUNTS

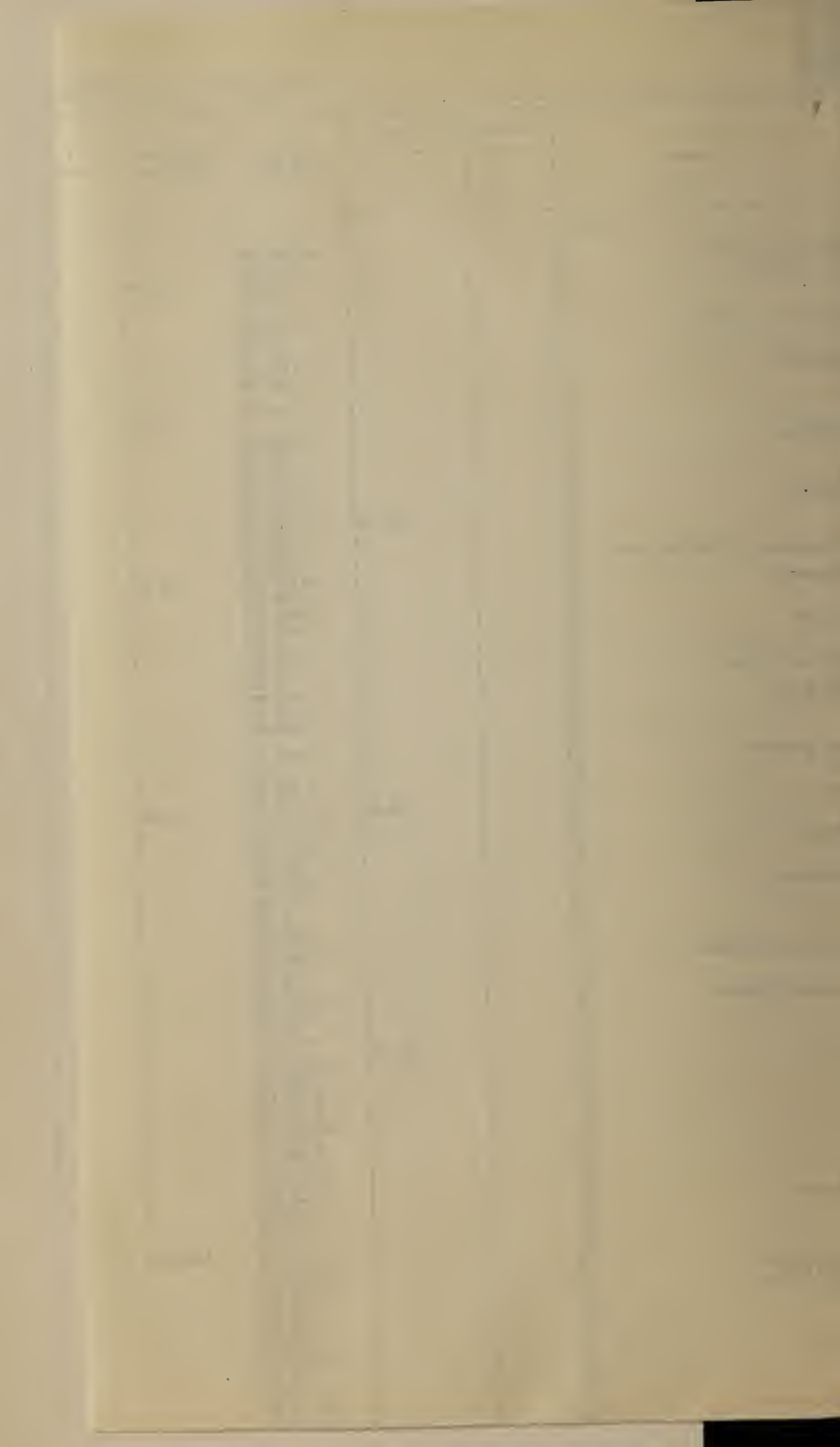
License Commission	\$252 00	
Cemetery	216 00	
	<hr/>	468 00

MISCELLANEOUS

Commonwealth of Massachusetts:		
National Bank tax	\$99 10	
Trust Company tax	230 21	
Interest on taxes	666 88	
Costs on taxes	16 45	
	<hr/>	1,012 64

DEPARTMENTAL APPROPRIATIONS

Auditing	\$36 42	
City Clerk	25 00	
Election Commission	2 25	
Electrical	37 84	
Police	100 00	
Fire	13 04	
Library	11 50	
Municipal Hospital	346 61	
Pensions (Water and School Departments)	20,230 95	
Public Welfare	10,680 81	
School	261 86	
Sewer Maintenance	190 98	
Soldiers' benefits	5,603 00	
Street maintenance	4,371 34	
Street stable	57 95	
Interest	71 56	
	<hr/>	42,041 11
<i>Total Maintenance and Operation</i>		15,816,712 45
<i>Amount carried forward</i>		\$15,816,712 45



Amount brought forward..... \$15,816,712 45

TEMPORARY ACCOUNTS**RETIREMENT SYSTEM****Payments of pensions and annuities:**

Pensions.....	\$7,777 06	
Annuities.....	110 73	
Transferred to Trust Funds.....	3,401 35	
	<hr/>	11,289 14

TRUST FUNDS**Paid to treasurer:**

Cemetery, perpetual care.....	\$7,200 25	
Retirement System, payroll deductions.....	23,202 21	
	<hr/>	30,402 46

GUARANTEE DEPOSITS**Contract Bids:****Refunded to depositors:**

Electrical Department.....	\$9,726 90	
Building Department.....	125,000 00	
Police Department.....	300 00	
Street Department.....	9,800 00	
School Department.....	3,400 00	
Park Department.....	3,500 00	
Water Department.....	7,400 00	
	<hr/>	159,126 90

Plans:

Refunded to depositors.....		465 00
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Driveways:

Paid to city for completed work.....	\$500 99	
Refunded to depositors.....	349 01	
	<hr/>	850 00

Park:

Paid to city for completed work.....	\$88 23	
Refunded to depositors.....	111 77	
	<hr/>	200 00

License:

Paid for advertising.....	\$456 25	
Refunded to petitioners.....	11,963 75	
	<hr/>	12,420 00

To city by book transfer for licenses issued.. \$106,126 25

AGENCY**Tax Title Waiver Fees:**

Refunded to depositors.....	\$120 00	
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City Clerk:

Dog licenses, paid to county.....	2,711 40	
Hunting and Fishing licenses paid to State.....	1,577 50	

Tax Titles Held by Individuals:

Paid to sundry persons.....	3,253 07	
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<i>Amount carried forward</i>	\$7,661 97	\$16,031,465 95
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Temporary Accounts — *Concluded*

Amount brought forward \$7,661 97 \$16,031,465 95

AGENCY — *Concluded*

Evening School Deposits:

Refunded to depositors 421 00

Constables' Fees:

Paid to sundry persons 1,377 65

Retirement System:

Refunded to members 665 16

Deposits in Lieu of Surety Bonds:

Refunded to depositors 1,100 00

Damage Claim, Water Construction:

Paid to sundry persons 483 33

Tailings:

Paid to sundry persons 21 14

11,730 25

Total Temporary Accounts

226,483 75

MUNICIPAL ENTERPRISE

WATER

GENERAL MAINTENANCE

Personal Service:

Permanent employees \$140,450 32

Service other than Personal:

Printing and binding \$171 42

Postage 1,235 54

Transportation of persons 642 08

Cartage and freight 75 76

Light and power 217 86

Lighting reservation 38 25

Rent, taxes, water 2,933 76

Communication 218 19

Motor vehicle repairs and care 462 92

Cleaning 3 49

Medical 101 50

Fees 21 00

Photographic and blueprinting 5 78

Service not otherwise coded 272 15

6,399 70

Equipment:

Office \$40 60

Tools and instruments 867 39

Wearing apparel 33 51

Equipment not otherwise coded 308 84

1,250 34

Amount carried forward \$148,100 36 \$16,043,196 20

Municipal Enterprise — *Continued*

Amount brought forward \$148,100 36 \$16,043,196 20

WATER — GENERAL MAINTENANCE — *Concluded*

Supplies:

Office	\$1,759 25	
Food and ice	25 75	
Fuel	256 80	
Medical	4 55	
Laundry, cleaning	27 50	
Motor vehicle	2,379 56	
Chemicals and disinfectants	128 18	
Supplies not otherwise coded	1,021 75	
		5,603 34

Materials:

Water	\$14,125 41	
Materials not otherwise coded	386 21	
		14,511 62

Special Items:

Pensions	\$16,174 38	
Workingmen's compensation	560 78	
Repairing pavements	1,422 78	
Amount due from Water Department to Pension Accumulation Fund of the Cambridge Retirement System	2,381 08	
		20,539 02

Incidental Expenditures:

Leakage		19 20
		188,773 54

PUMPING

Personal Service:

Permanent employees	\$26,566 88	
Temporary employees	497 04	
		\$27,063 92

Service other than Personal:

Postage	\$1 41	
Transportation of persons	70	
Cartage and freight	8 68	
Light and power	675 65	
Insurance	93 17	
Communication	61 83	
Service not otherwise coded	568 49	
		1,409 93

Equipment:

Tools and instruments		106 47
---------------------------------	--	--------

Supplies:

Office	\$3 67	
Food and ice	28 57	
Fuel	11,665 49	
Medical	1 16	
Laundry, cleaning	32 35	
Chemicals and disinfectants	58 12	
Supplies not otherwise coded	1,920 10	
		13,709 46

Amount carried forward \$42,289 78 \$16,231,969 74

Municipal Enterprise — Continued

Amount brought forward \$42,289 78 \$16,231,969 74

WATER — PUMPING — Concluded

Materials:			
Materials not otherwise coded	1,192	13	
Special Items:			
Repairs to pump	\$5,654	31	
Purchase and installation of two new boilers at pumping station	1,750	05	
			7,404 36
			50,886 27

RESERVOIRS

Personal Service:			
Permanent employees	\$39,197	50	
Service other than Personal:			
Advertising and posting	\$3	00	
Transportation of persons	100	00	
Hire of teams and auto trucks	50	00	
Light and power	10	58	
Lighting reservation	4	74	
Rent, taxes, water	28	80	
Communication	158	77	
Cleaning	3,430	00	
Veterinary	6	00	
Service not otherwise coded	22	43	
Horseshoeing and clipping	227	50	
			4,041 82
Equipment:			
Tools and instruments			76 66
Supplies:			
Fuel	\$76	61	
Forage and animal	177	92	
Laundry, cleaning		35	
Supplies not otherwise coded	195	02	
			449 90
Materials:			
Materials not otherwise coded			388 90
			44,154 78

FILTRATION

Personal Service:			
Permanent employees	\$22,020	50	
Service other than Personal:			
Postage	\$1	02	
Cartage and freight	1	68	
Light and power	8,172	41	
Communication	51	72	
Service not otherwise coded	214	06	
			8,440 89
Equipment:			
Tools and instruments	\$46	87	
Equipment not otherwise coded	52	75	
			99 62
Amount carried forward	\$30,561	01	\$16,327,010 79

Municipal Enterprise — Concluded

Amount brought forward \$30,561 01 \$16,327,010 79

WATER — FILTRATION — Concluded**Supplies:**

Office	\$77 08	
Fuel	968 42	
Medical, laboratory	109 21	
Chemicals and disinfectants	14,699 42	
Supplies not otherwise coded	1,105 73	
	<hr/>	16,959 86

Materials:

Materials not otherwise coded	451 11	
	<hr/>	47,971 98

DEBT AND INTEREST

Serial loans	\$56,000 00	
Interest	51,007 50	
	<hr/>	107,007 50

CONSTRUCTION

Installation of new pumps and intake at Fresh Pond . .	\$1,425 83	
New filter beds at Fresh Pond	1,956 55	
New meters	1,580 44	
	<hr/>	4,962 82

See "Analysis of Appropriation Accounts" (insert), column 13. 443,756 89

REFUNDS

Annual rates	\$8,370 10	
Metered rates	303 25	
Miscellaneous charges	4 00	
	<hr/>	8,677 35

Appropriations: General Maintenance		47 27
---	--	-------

<i>Total Municipal Enterprise</i>		452,481 51
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OUTLAYS**DEPARTMENTAL EQUIPMENT****ELECTRICAL DEPARTMENT — UNDERGROUND CABLE****Personal Service:**

Employees	\$47 50	
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Service other than Personal, Material, etc.:

Bolts	\$25 05	
Cable and reels	223 98	
Castings, screws, patterns and machine labor	61 94	
Cement	2 94	
Frames and covers	24 50	
Locks for fire box doors	44 10	
Miscellaneous	85 65	
Pipe	1 96	
Solder	3 76	
	<hr/>	473 88

	<hr/>	521 38
--	-------	--------

Amount carried forward \$16,496,199 09

Departmental Equipment — *Concluded*

Amount brought forward \$16,496,199 09

ELECTRICAL TRAFFIC

Service other than Personal, Material, etc.:

Bolts and keys	\$13 07	
Electrical equipment	6,020 56	
Installing cable and conduit to safety islands on Massachusetts Avenue	114 06	
Miscellaneous	15 10	
Signal units	1,245 25	
Special door and visor assemblies	11 93	
		<hr/>
		7,419 97

HEALTH AND SANITATION

SEWER DEPARTMENT CONSTRUCTION GENERAL

Personal Service:

Employees \$83,772 20

Service other than Personal, Material, etc.

Bricks	\$643 60	
Cement	966 58	
Cold patch	9 70	
Damage — New England Brick Co.	272 95	
Derrick with cable and handles	70 00	
Frames, grates, traps, covers	579 77	
Fuel	67 94	
Gasoline, kerosene, oil	1,179 40	
Hose and couplings	262 44	
Lighting	79 45	
Lumber	1,763 99	
Miscellaneous supplies, nails, bolts, washers, etc.	1,148 13	
Paint	44 77	
Pipe	8,879 31	
Pump and pump parts	415 58	
Rental of equipment	1,908 56	
Repairs to bitulithic	241 61	
Repairing equipment	258 09	
Repairing pavement	1,157 85	
Rope	9 52	
Sand and gravel	468 43	
Sewer rods	99 17	
Shovels	287 87	
Steel	316 77	
Stone	313 90	
Straw	2 53	
Tools	91 89	
Truck hire	401 44	
		<hr/>
		21,941 24
		<hr/>
		105,713 44

Amount carried forward \$16,609,332 50

Amount brought forward..... \$16,609,332 50

HIGHWAYS AND BRIDGES

STREET CONSTRUCTION

BINNEY STREET

Personal Service:

Employees..... \$15,388 13

Service other than Personal, Material, etc.:

Brooms..... \$48 00

Cement..... 1,972 40

Express..... 2 00

Lanterns..... 40 00

Miscellaneous..... 22 55

Rental of compressor and
equipment..... 315 74

Resurfacing granite blocks 4,688 84

Sand..... 490 22

Shovels..... 65 80

Stone..... 225 02

Supplies..... 1 04

Tools..... 6 67

Truck hire..... 922 50

8,800 78

\$24,188 91

BREWSTER STREET

Personal Service:

Employees..... \$2,811 14

Service other than Personal, Material, etc.:

Asphalt..... \$157 44

Fuel..... 22 50

Stone..... 77 15

Truck hire..... 30 00

287 09

3,098 23

BROADWAY AND CAMBRIDGE STREETS

Personal Service:

Employees..... \$13,806 69

Service other than Personal, Material, etc.:

Cement..... \$577 30

Concrete mixture..... 781 68

Concrete steel..... 125 14

Fuel..... 75 76

Globes..... 15 00

Hay..... 17 23

Paint..... 19 26

Rental of equipment..... 349 42

Sand, gravel, concrete... 214 86

Stone..... 67 79

Truck hire..... 251 00

2,494 44

16,301 13

Amount carried forward..... \$43,588 27 \$16,609,332 50

Highways and Bridges — Continued

Street Construction — Continued

Amount brought forward \$43,588 27 \$16,609,332 50

CAMBRIDGE STREET

Personal Service:

Employees \$2,993 06

Service other than Personal, Material, etc.:

Bituminous concrete mixture \$399 76

Rental of compressor . . . 68 50

Roller, shovel and truck hire 315 00

Tools 11 15

794 41

3,787 47

CLINTON STREET

Personal Service:

Employees \$2,253 10

Service other than Personal, Material, etc.:

Asphalt \$84 24

Stone 27 89

Truck hire 15 00

127 13

2,380 23

COGSWELL AVENUE

Personal Service:

Employees \$388 53

Service other than Personal, Material, etc.:

Sand and gravel \$51 75

Steel 24 08

Truck hire 25 00

100 83

489 36

COMMERCIAL AVENUE

Personal Service:

Employees \$343 21

Service other than Personal, Material, etc.:

Kerosene oil \$8 00

Lumber 39 48

Rental of compressor and
equipment 178 91

Tools 612 82

Truck hire 18 60

857 81

1,201 02

CONCORD AVENUE

Personal Service:

Employees \$6,318 87

Service other than Personal, Material, etc.:

Asphalt \$316 00

Binder 232 00

Cable 248 52

Electrical supplies 65 82

Fuel 95 47

Amount carried forward \$957 81 \$6,318 87 \$51,446 35 \$16,609,332 50

Highways and Bridges — *Continued*Street Construction — *Continued*

Amount brought forward \$957 81 \$6,318 87 \$51,446 35 \$16,609,332 50

CONCORD AVENUE — *Concluded*

Hay	18 00		
Kerosene oil	8 00		
Lumber	3 84		
Stone	355 47		
Supplies	14 45		
Truck hire	35 00		
	<hr/>	1,392 57	
		<hr/>	7,711 44

COOLIDGE AVENUE

Personal Service:

Employees \$16,513 85

Service other than Personal, Material, etc.:

Binder	\$3,452 00		
Fuel	145 28		
Oil	24 48		
Stone	2,951 31		
Tools	61 23		
Truck hire	215 00		
	<hr/>	6,849 30	
		<hr/>	23,363 15

DANA STREET

Personal Service:

Employees \$1,221 83

Service other than Personal, Material, etc.:

Asphalt	\$169 20		
Stone	46 44		
Truck hire	15 00		
	<hr/>	230 64	
		<hr/>	1,452 47

EDGESTONES AND SIDEWALKS

Personal Service:

Employees \$53,447 36

Service other than Personal, Material, etc.:

Cement	\$2,484 40		
Chalk and chalk lines	4 00		
Concrete steel	83 44		
Crayons	50		
Edgestones	2,252 40		
Finishing cement	215 00		
Kerosene oil	16 50		
Lamp black	45 45		
Lighting	137 60		
Lumber	154 98		
Miscellaneous	19 36		
Paid to contractors	107 27		
Sand, gravel, concrete	1,407 13		

Amount carried forward \$6,928 03 \$53,447 36 \$83,973 41 \$16,609,332 50

Highways and Bridges — *Continued*Street Construction — *Continued*

Amount brought forward \$6,928 03 \$53,447 36 \$83,973 41 \$16,609,332 50

EDGESTONES AND SIDEWALKS — *Concluded*

Stone and stone dust	568 29		
Supplies	9 94		
Tar paper	2 20		
Tools	83 84		
Truck hire	563 00		
	<hr/>	8,155 30	
			61,602 66

ELLSWORTH AVENUE

Personal Service:			
Employees	\$2,098 02		
Service other than Personal, Material, etc.:			
Asphalt	\$83 84		
Stone	58 01		
Truck hire	15 00		
	<hr/>	156 85	
			2,254 87

ERIE STREET

Personal Service:			
Employees	\$12,556 79		
Service other than Personal, Material, etc.:			
Block filler	\$10 98		
Cement	1,005 60		
Concrete steel	13 47		
Fuel	72 15		
Hose	14 70		
Lighting	31 03		
Mixer repairs	59 07		
Rental of compressor	33 00		
Resurfacing granite blocks	1,074 85		
Sand, gravel, concrete . . .	458 09		
Stone	98 86		
Tools	87 51		
Truck and shovel hire . . .	145 00		
	<hr/>	3,104 31	
			15,661 10

FAIRFIELD STREET

Personal Service:			
Employees	\$12,255 14		
Service other than Personal, Material, etc.:			
Concrete	\$2,262 27		
Fuel	25 70		
Lighting	53 82		
Paint	4 38		
Roller parts	20 81		
Stone and stone dust	286 09		
Tools	21 35		
Truck, roller and shovel hire	227 50		
	<hr/>	2,901 92	
			15,157 06

Amount carried forward \$178,649 10 \$16,609,332 50

Highways and Bridges — Continued

Street Construction — Continued

Amount brought forward..... \$178,649 10 \$16,609,332 50

FELTON STREET

Personal Service:

Employees..... \$15,947 24

Service other than Personal, Material, etc.:

Concrete mixture..... \$1,111 78

Fuel..... 27 68

Lighting..... 8 50

Rental of compressor.... 42 00

Stone and stone dust.... 203 04

Truck hire..... 120 00

1,513 00

17,460 24

HAMILTON STREET

Personal Service:

Employees..... \$170 77

170 77

HURON AVENUE

Personal Service:

Employees..... \$85 15

Service other than Personal, Material, etc.:

Binder..... \$327 44

Fuel..... 22 50

Stone and stone dust.... 121 24

Tools..... 36 25

Truck hire..... 15 00

522 43

607 58

LARCHWOOD DRIVE

Personal Service:

Employees..... \$74 31

Service other than Personal, Material, etc.:

Binder..... \$162 88

Fuel..... 42 38

205 26

279 57

LINE STREET

Personal Service:

Employees..... \$8,871 81

Service other than Personal, Material, etc.:

Bolts..... \$1 16

Cement..... 31 20

Concrete mixture..... 152 50

Fuel..... 24 03

Iron..... 8 14

Rental of compressor and

equipment..... 19 34

Rental of roller..... 112 50

Stone..... 13 43

Supplies..... 1 90

Tools..... 10 50

Truck hire..... 95 00

469 70

9,341 51

Amount carried forward..... \$206,508 77 \$16,609,332 50

Highways and Bridges — *Continued*Street Construction — *Continued*

Amount brought forward \$206,508 77 \$16,609,332 50

LOWLAND AVENUE

Personal Service:

Employees \$5,998 02

Service other than Personal, Material, etc.:

Asphalt \$189 04

Fuel 22 50

Roller hire 200 00

Stone 276 31

Truck hire 95 00

782 85

6,780 87

MASSACHUSETTS AVENUE

Personal Service:

Employees \$14,299 95

Service other than Personal, Material, etc.:

Cement \$187 50

Concrete mixture 1,183 92

Fuel 3 20

Lighting 53 82

Oil 8 00

Paint 10 56

Rental of compressor and
equipment 82 72

Sand, gravel, concrete 88 07

Stone and stone dust 244 08

Tools 5 22

Truck, shovel and roller hire 460 00

2,327 09

16,627 04

NORMANDY AVENUE

Personal Service:

Employees \$11,148 12

Service other than Personal, Material, etc.:

Binder \$928 00

Fuel 69 56

Lighting 8 00

Stone 1,602 23

Tools 77 91

Truck hire 215 00

2,900 70

14,048 82

NOTRE DAME AVENUE

Personal Service:

Employees \$8,432 23

Service other than Personal, Material, etc.:

Concrete mixture \$1,639 10

Fuel 24 94

Lighting 8 00

Amount carried forward \$1,672 04 \$8,432 23 \$243,965 50 \$16,609,332 50

Highways and Bridges — *Continued*Street Construction — *Continued*

Amount brought forward \$1,672 04 \$8,432 23 \$243,965 50 \$16,609,332 50

NOTRE DAME AVENUE — *Concluded*

Paint	9 63		
Rental of roller	112 50		
Roller parts	14 51		
Stone and stone dust	117 44		
Tools	3 20		
	<hr/>	1,929 32	
			10,361 55

OTIS STREET

Personal Service:			
Employees	\$4,241 11		
Service other than Personal, Material, etc.:			
Binder	\$143 60		
Stone	180 92		
Truck hire	40 00		
	<hr/>	364 52	
			4,605 63

PACIFIC STREET

Personal Service:			
Employees	\$14,613 20		
Service other than Personal, Material, etc.:			
Cement	\$1,137 60		
Concrete steel	31 96		
Filler	11 18		
Fuel	47 93		
Lanterns	45 32		
Lighting	8 00		
Lumber	8 00		
Miscellaneous	9 82		
Resurfacing granite blocks	2,331 85		
Sand, gravel, concrete . . .	434 29		
Stone	125 93		
Tools	16 81		
Truck hire	175 00		
Wheelbarrows	21 80		
	<hr/>	4,405 49	
			19,018 69

PEMBERTON STREET

Personal Service:			
Employees	\$11,522 25		
Service other than Personal, Material, etc.:			
Binder	\$1,143 28		
Fuel	124 09		
Lighting	23 35		
Roller rent	150 00		
Stone	1,349 64		
Tools	21 75		
Truck hire	195 00		
	<hr/>	3,007 11	
			14,529 36

Amount carried forward \$292,480 73 \$16,609,332 50

Highways and Bridges — *Continued*Street Construction — *Continued*

Amount brought forward \$292,480 73 \$16,609,332 50

PORTER SQUARE

Personal Service:

Employees \$2,753 23

Service other than Personal, Material, etc.:

Concrete mixture \$226 75

Paint 9 63

Rental of roller 75 00

Supplies 19 35

Truck hire 35 00

365 73

3,118 96

PRISON POINT BRIDGE

Personal Service:

Employees \$3,307 08

Service other than Personal, Material, etc.:

Cement \$797 30

Lighting 54 25

Paid to contractors 2,298 50

Sand, gravel, concrete 192 95

Stone 84 18

Truck hire 105 00

3,532 18

6,839 26

QUINCY STREET

Personal Service:

Employees \$2,606 83

Service other than Personal, Material, etc.:

Cement \$31 20

Concrete mixture 82 50

Miscellaneous 25 00

Truck hire 35 00

173 70

2,780 53

REIDSESEL AVENUE

Personal Service:

Employees \$537 00

537 00

SHERIDAN AND WOOD STREETS

Personal Service:

Employees \$1,330 50

1,330 50

Amount carried forward \$307,086 98 \$16,609,332 50

Highways and Bridges — *Continued*
Street Construction — *Continued*

Amount brought forward..... \$307,086 98 \$16,609,332 50

SIXTH STREET

Personal Service:		
Employees.....	\$13,731 15	
Service other than Personal, Material, etc.:		
Cement.....	\$1,806 30	
Fuel.....	22 50	
Gasoline.....	83	
Lanterns.....	45 32	
Rental of compressor and equipment.....	78 05	
Repairing roller.....	42 05	
Resurfacing granite blocks.....	2,131 68	
Sand and gravel.....	576 13	
Stone.....	155 87	
Shovels.....	43 51	
Valves.....	2 40	
Truck hire.....	463 00	
	<hr/>	
	5,367 64	
	<hr/>	19,098 79

SPRING STREET

Personal Service:		
Employees.....	\$373 45	
Service other than Personal, Material, etc.:		
Truck hire.....	15 00	
	<hr/>	388 45

SUMNER ROAD

Personal Service:		
Employees.....	\$18,052 41	
Service other than Personal, Material, etc.:		
Concrete mixture.....	\$1,663 75	
Fuel.....	58 92	
Lighting.....	12 25	
Rental of roller.....	225 00	
Roller parts.....	23 50	
Stone.....	32 76	
Tools.....	7 03	
Truck hire.....	165 00	
	<hr/>	
	2,188 21	
	<hr/>	20,240 62

THORNDIKE STREET

Personal Service:		
Employees.....	\$2,575 99	
Service other than Personal, Material, etc.:		
Binder.....	\$205 20	
Fuel.....	25 73	
Stone.....	200 50	
Truck hire.....	55 00	
	<hr/>	
	486 43	
	<hr/>	3,062 42

Amount carried forward..... \$349,877 26 \$16,609,332 50

Highways and Bridges — Continued
Street Construction — Continued

Amount brought forward \$349,877 26 \$16,609,332 50

VAN NORDEN STREET

Personal Service:

Employees \$4,102 62

Service other than Personal, Material, etc.:

Concrete mixture \$759 89

Fuel 22 65

Lighting 8 00

Roller rent 52 50

Stone 220 10

Tools 11 41

Truck hire 115 00

1,189 55

5,292 17

VASSAR STREET

Personal Service:

Employees \$239 75

Service other than Personal, Material, etc.:

Kerosene oil \$8 00

Lumber 60 64

Tools 7 65

76 29

316 04

WAVERLEY STREET

Personal Service:

Employees \$2,033 17

Service other than Personal, Material, etc.:

Binder \$81 44

Stone 87 84

Truck hire 40 00

209 28

2,242 45

WESTERN AVENUE

Personal Service:

Employees \$37,233 17

Service other than Personal, Material, etc.:

Brooms, handles, shovels . . . \$177 03

Cement 6,344 40

Concrete mixture 9,408 14

Fuel 66 58

Hay 10 81

Lighting 150 39

Paint 88 52

Rental of equipment 1,472 44

Rental of roller 490 00

Sand and gravel 1,160 72

Stone and stone dust 626 60

Supplies 146 10

Tools 44 38

Truck hire 5,985 50

Wheelbarrows 82 32

26,253 93

63 487 10

Amount carried forward \$421,215 02 \$16,609,332 50

Highways and Bridges — *Concluded*Street Construction — *Concluded*

Amount brought forward..... \$421,215 02 \$16,609,332 50

WOOD STREET

Personal Service:

Employees..... \$2,706 68

Service other than Personal, Material, etc.:

Asphalt..... \$458 32

Fuel..... 23 63

Stone and stone dust.... 583 23

Tools..... 3 00

1,068 18

3,774 86

WYMAN STREET

Personal Service:

Employees..... \$3,065 06

Service other than Personal, Material, etc.:

Asphalt..... \$87 04

Fuel..... 23 85

Stone..... 126 69

237 58

3,302 64

428,292 52

BUILDING CONSTRUCTION

NURSES' HOME AND NEW ADDITION

Service other than Personal, Material, etc.:

Alterations and additions to boiler house..... \$2,767 25

Architects' services..... 199 56

Plumbing and heating..... 580 00

3,546 81

ALTERATIONS ON LEXINGTON AVENUE FIRE STATION

Service other than Personal, Material, etc.:

Advertising..... \$8 00

Blueprints..... 42 70

Construction..... 11,279 68

Electrical — additional duct..... 25 00

Freight..... 50

Furniture and furnishings..... 839 69

Grading..... 485 00

Inspection of boiler..... 5 00

12,685 57

NEW FIRE STATION

Personal Service:

Employees..... \$1,050 00

Service other than Personal, Material, etc.:

Advertising..... \$30 63

Architects' services..... 8,523 37

Blueprints..... 130 20

Cable..... 270 96

Amount carried forward..... \$8,955 16 \$1,050 00 \$17,053,857 40

Building Construction — Concluded

Amount brought forward \$8,955 16 \$1,050 00 \$17,053,857 40

NEW FIRE STATION—Concluded

Construction	140,233 57		
Electrical	62 12		
Installing cable and underground construction	1,360 00		
Lighting	1 67		
Rubber and performite	293 15		
Trucking	1,334 30		
	<hr/>	152,239 97	
			1266
			153,289 97
			765975

MUNICIPAL BUILDING AND POLICE HEADQUARTERS

Service other than Personal, Material, etc.:			
Architects' services	\$15,329 55		
Construction	224,009 00		
Rental of temporary quarters	630 00		
	<hr/>		239,968 55

HENRY WADSWORTH LONGFELLOW SCHOOL

Service other than Personal, Material, etc.:			
Payment to contractor for the loss of fence and material from old building			750 00

RINDGE SCHOOL

Personal Service:			
Employees	\$34 50		
Service other than Personal, Material, etc.:			
Advertising	\$7 50		
Architects' services	7,761 93		
Cartage and freight	2 27		
Cleaning	10 00		
Construction	204,307 52		
Electrical construction	24,140 81		
Equipment	138,695 87		
Heat	2,410 74		
Land damage	20,951 61		
Plumbing, heating, ventilating	36,870 74		
Seeding, grading, etc.	793 00		
Trucking	728 38		
	<hr/>	436,680 37	
			436,714 87

RINDGE SCHOOL HEATING TUNNEL

Service other than Personal, Material, etc.:			
Grates	\$59 04		
Repairs to pavement	123 19		
Construction	4,185 20		
	<hr/>		4,367 43
<i>Amount carried forward</i>			\$17,888,948 22

Amount brought forward \$17,888,948 22

WATER CONSTRUCTION

NEW 24-INCH AND 30-INCH MAINS

Service other than Personal, Material, etc.:

Pipe and valves	\$336 00
Relocation of catch basins	175 98
Repairing pavement	1,187 06
Sundry persons — damages	241 67

1,940 71

STONY BROOK CONDUIT

Service other than Personal, Material, etc.:

Cement	\$2 54
Loam	14 00
Restoring shrubbery Waltham Cemetery	18 00

34 54

See "Analysis of Appropriation Accounts" (insert) Column 13 1,395,245 76

REFUND

Rindge School construction 160 00

Total Outlays 1,395,405 76

Cash balance December 31, 1933	\$17,891,083 47
	<u>539,536 82</u>

Grand total \$18,430,620 29

RECAPITULATION

Maintenance and Operation:

Balance January 1, 1933	— \$261,738 38	
Receipts (including revenue loans) \$16,229,310 58		
Add license receipts (book transfer) 106,126 25		
	<u>16,335,436 83</u>	\$16,073,698 45
Payments (including revenue loans). \$15,816,712 45		
To outlays (book transfer) 96,000 00		
	<u>\$15,912,712 45</u>	
Cash balance December 31, 1933	160,986 00	
	<u>160,986 00</u>	<u>\$16,073,698 45</u>

Temporary Accounts:

Balance January 1, 1933	\$112,117 00	
Receipts	298,848 96	
	<u>410,965 96</u>	\$410,965 96
Payments	\$226,483 75	
Add license receipts (book transfer) 106,126 25		
	<u>\$332,610 00</u>	
Cash balance December 31, 1933	78,355 96	
	<u>78,355 96</u>	<u>\$410,965 96</u>

Municipal Enterprise:

Water Department:

Balance January 1, 1933		
Appropriations (see analysis 1933) \$4,715 37		
Surplus (balance sheet) 39,561 27		
	<u>\$44,276 64</u>	
Receipts	479,132 17	
	<u>\$523,408 81</u>	\$523,408 81
Payments	\$452,481 51	
Balance December 31, 1933		
Appropriations (see analysis 1934) \$34,749 95		
Surplus (balance sheet) 36,177 35		
	<u>70,927 30</u>	
	<u>\$523,408 81</u>	<u>\$523,408 81</u>

Outlays (Non-Revenue)

Balance January 1, 1933	\$606,624 85	
Receipts (including bond issues) .. \$922,048 47		
From M. & O. (book transfer) ... 96,000 00		
	<u>1,018,048 47</u>	\$1,624,673 32
Payments	\$1,395,405 76	
Balance December 31, 1933	229,267 56	
	<u>\$1,624,673 32</u>	<u>\$1,624,673 32</u>

Cash balances December 31, 1933:

Maintenance and Operation	\$160,986 00	
Temporary Accounts	78,355 96	
Municipal Enterprise	70,927 30	
Outlays	229,267 56	
	<u>\$539,536 82</u>	
Total		<u>\$539,536 82</u>



Debt authorized during the year:

	<i>Rate</i>	<i>Amount</i>
Street Construction, inside debt limit, General Laws, Chapter 44, Section 7 (6), Matures 1934-1938.....	4¼	\$100,000 00
Street Construction, inside debt limit, General Laws, Chapter 44, Section 7 (6), Matures 1934-1938.....	3½	200,000 00
Street Construction, inside debt limit, General Laws, Chapter 44, Section 7 (6), Matures 1934-1938.....	3¾	65,000 00
Street Construction, inside debt limit, General Laws, Chapter 44, Section 7 (6), not issued in 1933.....		75,000 00
Sewer Construction, inside debt limit, General Laws, Chapter 44, Section 7 (1), Matures 1934-1963.....	3¾	50,000 00
Municipal Relief, outside debt limit Chapter 307, Acts of 1933, matures 1934-1938.	3¼	700,000 00
Total.....		<u>\$1,190,000 00</u>

Debt matured during the year:

General Debt:

Provided for by sinking fund.....	\$93,250 00
Provided for by tax levy.....	894,700 00

Total..... \$987,950 00

Water Debt:

Provided for by water receipts.....	56,000 00
-------------------------------------	-----------

Net Debt December 31, 1933

	<i>Outstanding</i>	<i>Sinking Fund</i>	<i>Net</i>
General Debt, inside.....	\$4,189,250 00	\$203,000 00	\$3,986,250 00
General Debt, outside.....	7,144,550 00	2,455,047 53	4,689,502 47
Totals	<u>\$11,333,800 00</u>	<u>\$2,658,047 53</u>	<u>\$8,675,752 47</u>
Water Debt.....	\$1,270,000 00	\$397,500 00	\$872,500 00
Water Sinking Fund Surplus.....		69,528 05	

BORROWING CAPACITY

DECEMBER 31, 1933

	<i>Total Valuations</i>	<i>Abatements</i>	<i>Net Valuations</i>
Valuation, 1930	\$190,759,700 00	\$1,918,651 00	\$188,841,049 00
Valuation, 1931	191,950,100 00	2,446,280 00	189,503,820 00
Valuation, 1932	191,308,900 00	1,980,000 00	189,328,900 00
Motor vehicle valuation, 1930 . .	10,120,533 00	616,732 00	9,503,801 00
Motor vehicle valuation, 1931 . .	8,492,330 00	650,536 00	7,841,794 00
Motor vehicle valuation, 1932 . .	5,365,500 00	361,312 00	5,004,188 00
	<hr/>	<hr/>	<hr/>
Average net valuation	\$597,997,063 00	\$7,973,511 00	\$590,023,552 00
2½ per cent.			196,674,517 00
Total debt outstanding.			4,916,862 92
December 31, 1933		\$11,333,800 00	
Loans exempt, outside debt limit:			
Cambridge Bridge:			
Acts 1898, Ch. 467, Funded	\$1,366,000 00		
Acts 1908, Ch. 467, Serial . .	24,000 00		
Cambridge Bridge Special:			
Acts 1904, Ch. 158, Funded	28,000 00		
Brookline Bridge Approach:			
Acts 1898, Ch. 467 } Funded	25,000 00		
Acts 1904, Ch. 391 }			
Commercial Avenue Bridge:			
Acts 1903, Ch. 372, Funded	50,000 00		
River Street Bridge:			
Acts 1921, Ch. 497, Serial . .	70,000 00		
Western Avenue Bridge:			
Acts 1921, Ch. 497, Serial . .	66,000 00		
Cottage Farm Bridge:			
Acts 1921, Ch. 497, Serial . .	288,000 00		
Main Street and Broadway			
Widening:			
Acts 1926, Ch. 139, Serial . .	116,000 00		
Acts 1929, Ch. 74, Serial . .	79,000 00		
Northern Traffic Route:			
Acts 1924, Ch. 489, Serial . .	300,000 00		
Alewife Brook-Fresh Pond			
Highway:			
Acts 1928, Ch. 366 and Ch.			
400, Serial	119,000 00		
School:			
Acts 1928, Ch. 314, Serial . .	1,192,650 00		
City Hospital:			
Acts 1911, Ch. 545, Serial . .	16,500 00		
Acts 1919, Ch. 103, Serial . .	38,000 00		
Acts 1929, Ch. 73, Serial . .	360,000 00		
Sewer:			
Acts 1899, Ch. 189 and Ch.			
473, Funded	97,000 00		
Acts 1903, Ch. 383, Funded	267,000 00		
Acts 1903, Ch. 383 }			
Gen. Laws, Ch. 92 } Serial.	681,000 00		
Sec. 9 }			
	<hr/>	<hr/>	<hr/>
Amount carried forward	\$5,183,150 00	\$11,333,800 00	\$4,916,862 92

Borrowing Capacity — *Concluded*

Amount brought forward	\$5,183,150 00	\$11,333,800 00	\$4,916,862 92
Park:			
Acts 1892, Ch. 341	Funded	1,100,000 00	
Acts 1893, Ch. 377			
Acts 1894, Ch. 89			
Acts 1897, Ch. 469			
Acts 1899, Ch. 221			
Acts 1912, Ch. 578			
Acts 1912, Ch. 578, Serial . .		27,000 00	
Land for Playgrounds:			
Revised Laws, Ch. 27, Sec. 11, Funded		95,000 00	
Revised Laws, Ch. 27, Sec. 11, Serial		39,400 00	
Municipal Relief:			
Acts 1933, Ch. 307		700,000 00	
		<u>7,144,550 00</u>	
Total debt inside debt limit			\$4,189,250 00
Total sinking fund	\$2,658,047 53		
Less sinking fund for exempted loans:			
Cambridge Bridge	\$1,007,774 63		
Cambridge Bridge Special	28,000 00		
Brookline Bridge Approach	17,856 22		
Commercial Avenue Bridge	35,353 81		
Sewer	323,454 47		
Park	968,049 13		
Land for Playgrounds	74,559 27		
	<u>2,455,047 53</u>		
Sinking fund for loans inside debt limit		<u>203,000 00</u>	
Net debt inside limit December 31, 1933			<u>3,986,250 00</u>
			\$930,612 92
Less loan (Street) authorized December 5, 1933			<u>75,000 00</u>
Borrowing capacity December 31, 1933			<u>\$855,612 92</u>

TRUST FUNDS

WEBSTER THIERRY SCHOOL FUND

A donation in the amount of \$300 by Mrs. Louis J. Thierry in memory of her son, Webster Thierry, who died while a student at Latin School. The income to be expended for a prize, to be known as the Webster Thierry prize, to the boy in the graduating class who has been outstanding, especially in his interest in debating and related work.

WILLIAM PENN HARDING FUND

A bequest to the City of Cambridge under the will of William Penn Harding in the amount of \$1,000, the income to be expended by the Trustees of the Public Library for the purchase of recent books on science, art or travel of a popular and instructive character. To be designated the William Penn Harding Fund, which designation shall be printed in all the books so purchased.

JOHN WESLEY FREESE FUND

This is a fund in the amount of \$89.36 bequeathed by the late John Wesley Freese in November, 1914. The fund is to accumulate for twenty years, after which time a sum not in excess of three-fourths of the annual income is to be expended for books or works of art for the Houghton School.

SARAH E. RUSSELL FUND

A bequest to the City of Cambridge, under the will of Sarah E. Russell, in the amount of \$814.41, the income to be expended annually in, or towards, providing a Christmas tree or Christmas gifts and entertainments for the inmates of the City Infirmary. Mrs. Russell was the widow of Hon. Charles Theodore Russell and the mother of Hon. William Eustis Russell, each of whom served the city as Mayor, and the grandmother of Hon. Richard Manning Russell, the present Mayor.

BRIDGE CHARITABLE FUND

Founded by the late Levi Bridge of Cambridge, in his lifetime, by a deed of trust dated August 12, 1875, and upon his death, April 15, 1876, the fund came under the control of the city. In October, 1877, Samuel F. Bridge, a relative of the founder, donated a sum sufficient to double the original fund. One-third of the annual income is added to the principal, the remainder expended by the Board of Public Welfare.

REVEREND PATRICK H. CALLANAN FUND

A gift in the amount of \$2,000 by Reverend Patrick H. Callanan, pastor of St. Peter's Roman Catholic Church, the principal to be invested and the income to be expended annually for a "feast day" on December 18 for the inmates of the City Infirmary.

EDWARD L. KINGMAN SCHOLARSHIP FUND

A bequest in the amount of \$1,700 under the will of Alice M. Kingman, "the income to be paid annually to the student who graduated from the Cambridge High School or the Cambridge Latin School with the highest grade, during his first year in college. If the pupil who graduated with the highest grade does not go to college, the income shall be paid to the pupil with the highest grade who does go to college. This fund shall be known as the Edward L. Kingman Scholarship."

CEMETERY PERPETUAL CARE FUND

Held in trust by the city, comprising amounts received from proprietors of lots in Cambridge Cemetery for perpetual care of the respective lots.

All of the above funds are in the custody of the City Treasurer.

Trust Funds — *Concluded*

The following funds are in the custody of the Trustees of the Public Library:

CITIZENS' SUBSCRIPTION FUND

In 1899 a committee of citizens raised, by subscription, a fund for the purchase of books at the time the new Public Library building was opened. The unexpended balance, \$5,500, was invested and the income is used for the same purpose.

CUMMINGS FUND

A bequest under the will of Daniel P. Cummings, who died May 3, 1889, in the amount of \$2,000, the income to be expended for non-sectarian books for the Public Library.

FAY FUND

A bequest under the will of Isaac Fay, who died December 20, 1872, in the amount of \$1,000 to the Dana Library, now the Cambridge Public Library, the income to be expended for books for said library.

WILLIAM SAUNDERS FUND

Bequest under the will of Abigail L. Prentiss: the residuary estate, after the termination of certain annuities, was paid to the Trustees of the Public Library to be invested, the income to be expended for the purchase and care of books to be placed in the William E. Saunders Alcove.

JAMES A. WOOLSON FUND

Bequest under the will of James A. Woolson in the amount of \$5,000, the income to be expended for the purchase of books, an appropriate bookplate to be placed in each book.

CITIZEN OF CAMBRIDGE FUND

Principal of fund, \$7,400. Donated by a citizen of Cambridge, \$3,000 in 1923, \$2,000 in 1924 and \$2,400 in 1926. The income on \$1,000 to be expended for the purchase of books on art, the income on the balance to be expended for the work of Americanization and the purchase of books for the library.

TRUST FUNDS

In custody of Treasurer

December 31, 1933

WEBSTER THIERRY FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$338 57	\$338 57
On hand December 31, 1933.....		331 12	331 12
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$11 71	Transferred to city	\$19 16
Withdrawn from savings de- posits.....	7 45		
Total.....	\$19 16	Total.....	\$19 16

WILLIAM PENN HARDING FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$1,000 00	\$1,000 00
On hand December 31, 1933.....		1,000 00	1,000 00
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$35 00	Transferred to city	\$35 00
Total.....	\$35 00	Total.....	\$35 00

JOHN WESLEY FREESE FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$197 13	\$197 13
On hand December 31, 1933.....		204 59	204 59
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$7 46	Added to savings deposits..	\$7 46
Total.....	\$7 46	Total.....	\$7 46

SARAH E. RUSSELL FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$814 41	\$814 41
On hand December 31, 1933.....		814 41	814 41
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$30 53	Transferred to city	\$30 53
Total.....	\$30 53	Total.....	\$30 53

BRIDGE CHARITABLE FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$3,481 99	\$3,481 99
On hand December 31, 1933.....		3,474 16	3,474 16
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$119 15	Transferred to city	\$126 98
Withdrawn from savings de- posits.....	7 83		
Total.....	\$126 98	Total.....	\$126 98

REVEREND PATRICK H. CALLANAN FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$2,000 00	\$2,000 00
On hand December 31, 1933.....		2,000 00	2,000 00
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$8 75	Transferred to city.....	\$8 75
Total.....	\$8 75	Total.....	\$8 75

Trust Funds — Continued

EDWARD KINGMAN FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$1,700 00	\$1,700 00
On hand December 31, 1933.....		1,700 00	1,700 00
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$63 75	Transferred to city.....	\$63 75
Total.....	\$63 75	Total.....	\$63 75

LIBRARY TRUST FUNDS

In custody of Library Trustees

December 31, 1933

CITIZEN OF CAMBRIDGE FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$1,963 88	\$4,400 00	\$3,000 00	\$9,363 88
On hand December 31, 1933.....	1,935 54*	4,400 00†	3,000 00	9,335 54
<i>Receipts</i>		<i>Expenditures</i>		
Income.....	\$219 25	Expended.....		\$247 59
Cash on hand January 1, 1933	1,963 88	Cash on hand December 31, 1933.....		1,935 54
Total.....	\$2,183.13	Total.....		\$2,183 13

* Deposited in closed bank \$1,631.56

† Deposited in closed bank \$2,640.00

CITIZENS' SUBSCRIPTION FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$257 68	\$500 00	\$5,000 00	\$5,757 68
On hand December 31, 1933.....	209 15*	500 00†	5,000 00	5,709 15
<i>Receipts</i>		<i>Expenditures</i>		
Income.....	\$214 70	Expended.....		\$261 77
Cash on hand January 1, 1933	257 68	Tax paid on checks.....		1 46
		Cash on hand December 31, 1933.....		209 15
Total.....	\$472 38	Total.....		\$472 38

* Deposited in closed bank \$141.80

† Deposited in closed bank \$300.00

CUMMINGS FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$297 42	\$2,000 00	\$2,297 42
On hand December 31, 1933.....	382 42*	2,000 00	2,382 42
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$85 00	Cash on hand December 31, 1933.....	\$382 42
Cash on hand January 1, 1933	297 42		
Total.....	\$382 42	Total.....	\$382 42

* Deposited in closed bank \$191.18

Library Trust Funds — Continued

FAY FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....	\$105 66	\$1,000 00	\$1,105 66
On hand December 31, 1933.....	140 28*	1,000 00	1,140 28
<i>Receipts</i>			
Income.....	\$37 50		
Cash on hand January 1, 1933	105 66		
<i>Expenditures</i>			
Expended.....			\$2 88
Cash on hand December 31, 1933.....			140 28
Total.....	\$143 16		\$143 16
* Deposited in closed bank \$65.49			

HOWE FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$235 56	\$3,000 00	\$3,235 56
On hand December 31, 1933.....	187 83*	3,000 00	3,187 83
<i>Receipts</i>			
Income.....	\$63 75		
Cash on hand January 1, 1933	235 56		
<i>Expenditures</i>			
Expended.....			\$111 48
Cash on hand December 31, 1933.....			187 83
Total.....	\$299 31		\$299 31
* Deposited in closed bank \$68.98			

MURDOCK FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....	\$424 50	\$2,000 00	\$2,424 50
On hand December 31, 1933.....	482 80*	2,000 00	2,482 80
<i>Receipts</i>			
Income.....	\$75 00		
Cash on hand January 1, 1933	424 50		
<i>Expenditures</i>			
Expended.....			\$16 70
Cash on hand Dec. 31, 1933			482 80
Total.....	\$499 50		\$499 50
* Deposited in closed bank \$305.56			

WILLIAM SAUNDERS FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$489 29	\$1,195 87	\$7,000 00	\$8,685 16
On hand December 31, 1933.....	855 64*	1,245 28	7,000 00	9,100 92
<i>Receipts</i>				
Income.....	\$548 16			
Cash on hand January 1, 1933	489 29			
<i>Expenditures</i>				
Added to savings deposits..				\$49 41
Expended.....				132 40
Cash on hand December 31, 1933.....				855 64
Total.....	\$1,037 45			\$1,037 45
* Deposited in closed bank \$257.02				

Library Trust Funds — *Concluded*

WHORF FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$520 40	\$85 00	\$3,000 00	\$3,605 40
On hand December 31, 1933.....	616 01*	85 00	3,000 00	3,701 01
<i>Receipts</i>		<i>Expenditures</i>		
Income.....	\$148 19	Expended.....		\$52 58
Cash on hand January 1, 1933	520 40	Cash on hand December 31, 1933.....		616 01
Total.....	\$668 59	Total.....		\$668 59

* Deposited in closed bank \$312.13

WILSON FUND

		<i>Savings Deposits</i>	<i>Total</i>
On hand January 1, 1933.....		\$1,231 96	\$1,231 96
On hand December 31, 1933.....		1,269 18	1,269 18
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$37 22	Added to savings deposits..	\$37 22
Total.....	\$37 22	Total.....	\$37 22

JAMES A. WOOLSON FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$475 10	\$5,000 00	\$5,475 10
On hand December 31, 1933.....	541 60*	5,000 00	5,541 60
<i>Receipts</i>		<i>Expenditures</i>	
Income.....	\$212 50	Expended.....	\$146 00
Cash on hand January 1, 1933	475 10	Cash on hand December 31, 1933.....	541 60
Total.....	\$687 60	Total.....	\$687 60

* Deposited in closed bank \$269.36

WILLIAM PENN HARDING FUND INCOME

	<i>Cash</i>	<i>Total</i>
On hand January 1, 1933.....	\$50 61	\$50 61
On hand December 31, 1933.....	50 61*	50 61

* Deposited in closed bank \$45.55

CEMETERY PERPETUAL CARE FUND

In custody of Treasurer

	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$22,412 92	\$201,500 00	\$223,912 92
On hand December 31, 1933.....	35,505 17	195,500 00	231,005 17
<i>Receipts</i>		<i>Expenditures</i>	
Securities matured, par value	\$6,000 00	Added to savings deposits..	\$13,092 25
Income on investments.....	8,952 05	Transferred to city, income 1933.....	8,952 05
Bequests.....	7,200 25	Refunded to depositor.....	108 00
Total.....	\$22,152 30	Total.....	\$22,152 30

Trust Funds — Continued

MUNICIPAL LOANS SINKING FUND

In custody of Sinking Fund Commissioners

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$85,075 19	\$2,543,200 00	\$2,628,275 19
On hand December 31, 1933.....	117,147 53	2,540,900 00	2,658,047 53
<i>Receipts</i>		<i>Expenditures</i>	
Securities sold, or matured, par value.....	\$276,800 00	Securities purchased, par value.....	\$274,500 00
Premiums, securities sold....	15,009 20	Accrued interest, securities purchased.....	1,438 60
Discount, securities pur- chased.....	2,440 34	Premiums, securities pur- chased.....	2,074 62
Income on investments....	109,086 02	To city for retirement of debt.....	93,250 00
Cash on hand January 1, 1933.....	85,075 19	Cash on hand December 31, 1933.....	117,147 53
Total.....	<u>\$488,410 75</u>	Total.....	<u>\$488,410 75</u>

WATER LOANS SINKING FUND

In custody of Sinking Fund Commissioners

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$6,371 08	\$443,500 00	\$449,871 08
On hand December 31, 1933.....	1,028 05	466,000 00	467,028 05
<i>Receipts</i>		<i>Expenditures</i>	
Securities sold, or matured	\$1,500 00	Securities purchased, par value.....	\$24,000 00
Income on investments.....	17,569 62	Accrued interest, securities purchased.....	235 27
Cash on hand January 1, 1933	6,371 08	Premiums, securities purchased	177 38
Total.....	<u>\$25,440 70</u>	Cash on hand December 31, 1933.....	1,028 05
		Total.....	<u>\$25,440 70</u>

RETIREMENT SYSTEM FUNDS

In custody of Retirement Board

Annuity Savings Fund

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933.....	\$461 88	\$23,437 60		\$23,899 48
On hand December 31, 1933.....		9,815 75	\$36,000 00	45,815 75
<i>Receipts</i>		<i>Expenditures</i>		
Members' Assessments.....	\$23,202 21	Securities purchased.....		\$36,000 00
Earnings on investments.....	1,167 52	Premiums, securities pur- chased.....		814 60
Withdrawn from savings deposits.....	13,621 85	Accrued interest, securi- ties purchased.....		101 04
Cash on hand January 1, 1933 ..	461 88	Transferred to Annuity Reserve.....		861 27
Total.....	<u>\$38,453 46</u>	Refunded to members.....		665 16
		Excess earnings 1932 trans- ferred to Pension Accumu- lation Fund.....		11 39
		Total.....		<u>\$38,453 46</u>

Trust Funds — Concluded**Annuity Reserve Fund**

	<i>Cash</i>	<i>Total</i>
On hand January 1, 1933	\$475 90	\$475 90
On hand December 31, 1933	1,179 04	1,179 04
 <i>Receipts</i>		
From Annuity Savings Fund \$861 27		
Cash on hand January 1, 1933	475 90	
Total	\$1,337 17	
 <i>Expenditures</i>		
Annuities paid	\$158 13	
Cash on hand December 31, 1933	1,179 04	
Total	\$1,337 17	

Pension Accumulation Fund

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1933	\$1,041 36	\$24,881 21		\$25,922 57
On hand December 31, 1933	265 90	10,564 08	\$34,000 00	44,829 98
 <i>Receipts</i>				
City's contribution	\$30,398 50			
Discount, securities purchased ..	206 21			
Excess earnings on investments, 1932	11 39			
Excess earnings on investments, 1933	29 24			
Savings deposits withdrawn ..	14,317 13			
Cash on hand January 1, 1933	1,041 36			
Total	\$46,003 83			
 <i>Expenditures</i>				
Securities purchased, par value			\$34,000 00	
Premiums, securities purchased			681 19	
Accrued interest, securities purchased			264 24	
Pensions paid			10,792 50	
Cash on hand December 31, 1933			265 90	
Total			\$46,003 83	

Reconciliation of Cash on Hand

Balance January 1, 1933	\$1,979 14	
From Annuity Savings Fund	\$861 27	
From Pension Accumulation Fund	10,016 25	
Interest, to be transferred to savings deposit	79	10,878 31
		<hr/>
		\$12,857 45
Annuities paid	\$158 13	
Pensions paid	10,792 50	
Deposited in Annuity Savings Fund ...	461 88	
Cash on hand December 31, 1933, verified	1,444 94	<hr/>
		\$12,857 45

BALANCE SHEET

December 31, 1933

REVENUE ACCOUNTS

		<i>Assets</i>		<i>Liabilities</i>	
		<i>Assets</i>		<i>Liabilities</i>	
Cash.....		Cash.....		Temporary Loans in Anticipation of	
Cash Discrepancy (H.F.L. Treasurer)		Cash Discrepancy (H.F.L. Treasurer)		Revenue.....	\$2,820,000 00
Cash Discrepancy (W. J. H. Cashier).		Cash Discrepancy (W. J. H. Cashier).		Appropriation Balances.....	65,989 95
Accounts Receivable:		Accounts Receivable:		School Receipts.....	11,584 33
Taxes:		Taxes:		Guarantee Deposits:	
Levy 1927.....		Levy 1927.....		Contract Bids.....	\$2,825 00
Levy 1928.....		Levy 1928.....		Plans.....	69 77
Levy 1929.....		Levy 1929.....		License.....	40,794 35
Levy 1930.....		Levy 1930.....		Driveway.....	922 86
Levy 1931.....		Levy 1931.....		Library.....	166 00
Levy 1932.....		Levy 1932.....		Evening School.....	143 00
Levy 1933.....		Levy 1933.....		Park.....	20 00
Polls 1929.....		Polls 1929.....		Water.....	276 68
Polls 1930.....		Polls 1930.....			45,217 66
Polls 1931.....		Polls 1931.....			
Polls 1932.....		Polls 1932.....			
Polls 1933.....		Polls 1933.....			
Old Age Assistance Tax 1931.....		Old Age Assistance Tax 1931.....		Agency:	
Old Age Assistance Tax 1932.....		Old Age Assistance Tax 1932.....		City Clerk, Dog Licenses.....	\$19 20
Old Age Assistance Tax 1933.....		Old Age Assistance Tax 1933.....		City Clerk, Hunting and Fishing	
Assessments:		Assessments:		Licenses.....	16 75
Sewer added to Taxes 1933.....	\$562 27	Sewer added to Taxes 1933.....	\$562 27	Constables' Fees.....	61 75
Committed Interest, Sewer.....	134 53	Committed Interest, Sewer.....	134 53	In Lieu of Surety Bond.....	30,000 00
				"Fitzpatrick" Case.....	25 47
				H. C. Corrow.....	5 00
				William J. Hopkins.....	401 60
				Mary Dole.....	1 00
				Elmer P. Kohler.....	50 00
Unapportioned Sidewalk.....	\$56 55	Unapportioned Sidewalk.....	\$56 55		
Sidewalk added to Taxes 1932....	583 10	Sidewalk added to Taxes 1932....	583 10		
Sidewalk added to Taxes 1933....	2,565 41	Sidewalk added to Taxes 1933....	2,565 41		
Committed Interest, Sidewalk....	183 63	Committed Interest, Sidewalk....	183 63		
				Smith Hughes Fund.....	30,580 77
				Hopkins Fund.....	839 19
					1,341 31

Motor Vehicle Excise Tax 1929.....	\$102 21				
Motor Vehicle Excise Tax 1930.....	28,452 91				
Motor Vehicle Excise Tax 1931.....	18,121 27				
Motor Vehicle Excise Tax 1932.....	20,304 81				
Motor Vehicle Excise Tax 1933.....	19,335 65				
Tax Titles.....		86,316 85			
Departmental:		126,841 81			
Auditing.....	\$2,400 00				716 89
Building.....	50 00				5,672 22
Police.....	408 00				757 00
Electrical.....	3,385 21				2,557 53
Health.....	134,119 75				
Sewer Maintenance.....	2,121 78				50 00
Street.....	5,491 44				
Public Welfare.....	393,880 31				
Public Welfare, Old Age Assistance, Commonwealth of Mass.	5,146 68				\$696 80
Hospital.....	78,228 86				3,388 69
School.....	6,376 63				86,316 85
Park.....	1,343 43				126,841 81
Cemetery.....	2,033 55				634,985 64
Water:					83,812 16
Annual Rates.....	\$12,537 85	634,985 64			936,041 95
Metered Rates.....	59,251 05				
Miscellaneous Charges.....	12,023 26				
Taxes and Assessments Variations...					
Veterans' Exemption, State Tax.....					
Old Age Assistance, State Tax.....					
Overlay Deficits:					
Levy 1931.....	\$116 65				
Levy 1932.....	11,596 36				
Overdrawn Appropriation:					
Public Welfare, Outside Aid.....		11,713 01			2,068 48
		58,185 84			
		<u>\$4,099,946 25</u>			<u>4,476 27</u>
					<u>\$4,099,946 25</u>
Income, Trust Funds:					
Harding Fund.....					\$127 50
Thierry Fund.....					44 37
Bridge Fund.....					384 63
Russell Fund.....					30 53
Callanan Fund.....					8 75
Kingman Fund.....					121 11
Premiums.....					716 89
Sale of City Property.....					5,672 22
Tailings.....					757 00
Revenue Reserved for Appropriation:					
Park.....					50 00
Revenue Reserved until Collected:					
Sewer Assessment.....					\$696 80
Sidewalk Assessment.....					3,388 69
Motor Vehicle Excise Tax.....					86,316 85
Tax Title.....					126,841 81
Departmental.....					634,985 64
Water.....					83,812 16
Overlay Reserved for Abatement of Taxes:					
Levy 1933.....					77,689 51
Reserve for Overdrawn Appropriation					58,185 84
Water Department Surplus.....					36,177 35
Reserve Fund, Overlay Surplus.....					2,068 48
Excess and Deficiency.....					4,476 27
					<u>\$4,099,946 25</u>

BALANCE SHEET — Continued

NON-REVENUE ACCOUNTS

		<i>Assets</i>		<i>Liabilities</i>	
		Cash.....	\$229,267 56	Appropriation Balances.....	\$295,940 00
		Loans Authorized.....	75,000 00	Revenue Reserved for Appropriation:	
				Sewer.....	\$1,371 55
				Sidewalk.....	6,956 01
					8,327 56
			<u>\$304,267 56</u>		<u>\$304,267 56</u>

DEFERRED ACCOUNTS

Sewer Assessments, Apportioned, Not Due.....		\$4,478 29	Apportioned Sewer Assessment Revenue Due 1934.....	\$673 42
			1935.....	673 42
			1936.....	640 09
			1937.....	633 28
			1938.....	619 36
			1939.....	619 36
			1940.....	619 36
				\$4,478 29
Sidewalk Assessments, Apportioned, Not Due.....		2,362 38	Apportioned Sidewalk Assessment Revenue Due 1934.....	\$681 21
			1935.....	524 52
			1936.....	326 78
			1937.....	248 66
			1938.....	160 10
			1939.....	154 98
			1940.....	108 71
			1941.....	85 08
			1942.....	72 34
				2,362 38
		<u>\$6,840 67</u>		<u>\$6,840 67</u>

DEBT ACCOUNTS

General Debt

Commissioners of Sinking Funds, Outside Debt Limit.....	\$2,455,047 53	Sinking Fund, Outside:	
		Improved Sewer System Loans.....	\$97,000 00
Net Funded, or Fixed Debt, Outside Debt Limit.....	4,689,502 47	Separate System Sewer Loans.....	267,000 00
		Cambridge Bridge Loans.....	1,394,000 00
		Commercial Avenue Bridge Loans .	50,000 00
		Brookline Bridge Approach Loans .	25,000 00
		Park Loans.....	1,100,000 00
		Land for Playgrounds Loans.....	95,000 00
		Serial, Outside:	
		Sewer, Separate System Loans.....	681,000 00
		Street Loans.....	614,000 00
		Bridge Loans.....	448,000 00
		Hospital Loans.....	414,500 00
		School Loans.....	1,192,650 00
		Park Loans.....	27,000 00
		Land for Playgrounds Loans.....	39,400 00
		Municipal Relief Loan.....	700,000 00
			\$7,144,550 00
Commissioners of Sinking Funds, Inside Debt Limit.....	\$203,000 00	Sinking Fund, Inside:	
		Sewer, General Construction, Loans Serial, Inside:	\$203,000 00
Net Funded, or Fixed Debt, Inside Debt Limit.....	3,986,250 00	Sewer, General Construction, Loans	279,000 00
		Street Loans.....	1,895,400 00
		Bridge Loans.....	103,000 00
		Building Loans.....	1,041,500 00
		Hospital Loans.....	35,500 00
		School Loans.....	601,850 00
		Departmental Equipment.....	5,000 00
		Demand Note, White Charity Fund, Trustees.....	5,000 00
		Contract, Dowse Institute Fund, Trustees.....	10,000 00
		Sanders Temperance Fund (principal used by city).....	10,000 00
			4,189,250 00
			<u>\$11,333,800 00</u>

BALANCE SHEET — *Concluded*
DEBT ACCOUNTS — *Concluded*

Water Debt

<i>Assets</i>		<i>Liabilities</i>	
Commissioners of Water Sinking Fund	\$467,028 05	Water Loans, Sinking Fund.....	\$397,500 00
Net Fixed Water Debt.....	872,500 00	Water Loans, Serial.....	872,500 00
		Water Sinking Fund Surplus.....	69,528 05
			<u>\$1,339,528 05</u>

TRUST ACCOUNTS

Trust Funds in custody of Treasurer	\$332,354 22	Webster Thierry Fund.....	\$331 12
		William Penn Harding Fund.....	1,000 00
		John W. Freese Fund.....	204 59
		Sarah E. Russell Fund.....	814 41
		Bridge Charity Fund.....	3,474 16
		Rev. Patrick H. Callanan Fund.....	2,000 00
		Edward L. Kingman Fund.....	1,700 00
		Cemetery Perpetual Care Fund.....	231,005 17
		Retirement System Funds:	
		Annuity Savings Fund \$45,815 75	
		Annuity Reserve Fund 1,179 04	
		Pension Accumulation	
		Fund.....	44,829 98
			91,824 77
			<u>\$332,354 22</u>
Trust Funds in custody of Library		Citizens' Subscription Fund.....	\$5,709 15
Trustees.....	43,901 34	Daniel P. Cummings Fund.....	2,382 42
		Isaac Fay Fund.....	1,140 28
		William E. Saunders Fund.....	9,100 92
		James A. Woolson Fund.....	5,541 60

Citizen of Cambridge Fund	9,335 54	
Edward H. Whorf Fund	3,701 01	
Abigail W. Howe Fund	3,187 83	
Maria Murdock Fund	2,482 80	
Mehitable C. C. Wilson Fund	1,269 18	
William Penn Harding Fund Income.	50 61	
		43,901 34
Trustees, Daniel White Charity Fund	\$10,360 00	
Trustees, Dowse Institute Fund	10,000 00	
		20,360 00
Trust Fund, Principal used by City		10,000 00
		<u>\$406,615 56</u>
Daniel White Charity Fund	\$10,360 00	
Dowse Institute Fund	10,000 00	
		20,360 00
Sanders Temperance Fund		10,000 00
		<u>\$406,615 56</u>

CITY PROPERTY IN CONTROL OF DEPARTMENTS

As Reported December 31, 1933

CLERK OF COMMITTEES

4 Desks and chairs	\$40 00
3 Steel cabinets	10 00
1 Bookcase (secretary)	5 00
1 Oak cabinet	5 00
1 Letterpress	2 00
1 Movable typewriter stand	5 00
2 Typewriters	40 00
2 Metal waste paper baskets	1 00
2 Brass cuspidors	20
1 Director's table and ten chairs	50 00
1 Atlas	100 00
1 Dictionary	2 00
1 Directory (1931)	1 00
1 General Laws	5 00
2 Wooden bid boxes	1 00
Records of all committees since 1874 (value unknown)	
Cambridge Chronicles for 33 years (bound)	50 00
Miscellaneous forms, letterpress books and office supplies	10 00

\$327 20

EXECUTIVE

3 Rolltop desks	\$60 00
1 Flat desk	25 00
2 Desk chairs	15 00
2 Typewriters	75 00
2 Typewriter chairs	10 00
4 Metal files	100 00
1 Large flat table	35 00
1 Small flat table	10 00
5 Large chairs	75 00
3 Lounges	100 00

505 00

AUDITING

6 Desks	\$70 00
1 Table	10 00
10 Chairs	20 00
4 Adding machines	150 00
3 Typewriters	70 00
1 Bookkeeping machine and filing cabinet	50 00
1 Time stamp	20 00
1 Dating stamp	5 00

Amounts carried forward	\$395 00	\$832 20
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List of City Property — Continued

<i>Amounts brought forward</i>	\$395 00	\$832 20
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Auditing — Concluded

Miscellaneous forms, payrolls, etc.....	25 00	
Miscellaneous filing cabinets.....	50 00	
Office supplies.....	10 00	
	<hr/>	480 00

TREASURY

Office furniture.....	\$35 00	
4 Adding machines.....	375 00	
1 Sealing machine.....	10 00	
1 Fanfold machine and stand.....	350 00	
2 Typewriters.....	25 00	
2 Adding check writing machines and stands.....	750 00	
4 Metal cabinets.....	45 00	
1 Protectograph.....	40 00	
2 Change machines.....	200 00	
1 Postal mailing machine.....	175 00	
1 Tax collector's receipt stamp.....	25 00	
1 Cash register.....	20 00	
1 Cancellation machine.....	5 00	
	<hr/>	2,055 00

ASSESSING

Counter and filing cases.....	\$800 00	
Filing cases in vault.....	150 00	
5 One section filing cases, \$3 each.....	15 00	
2 One section filing cases, \$3 each.....	6 00	
1 Filing case.....	5 00	
1 Cabinet.....	5 00	
1 Bookcase.....	2 00	
3 Lockers at \$2 each.....	6 00	
14 Desks at \$5 each.....	70 00	
2 Desks at \$10 each.....	20 00	
3 Desks at \$6 each.....	18 00	
2 Desks at \$2 each.....	4 00	
1 Desk.....	1 00	
1 Typewriting desk.....	6 00	
1 Adding machine.....	30 00	
1 Adding machine.....	15 00	
1 Adding machine.....	3 00	
1 Typewriter.....	12 00	
1 Typewriter.....	10 00	
1 Typewriter.....	8 00	
13 Chairs, \$5 each.....	65 00	
	<hr/>	
<i>Amounts carried forward</i>	\$1,251 00	\$3,367 20

List of City Property — Continued

Amounts brought forward \$1,251 00 \$3,367 20

Assessing — Concluded

8 Chairs, \$4 each	32 00	
3 Chairs, \$3 each	9 00	
3 Chairs, \$1 each	3 00	
6 Patent filers, \$1 each	6 00	
Clock	10 00	
Office supplies, approximate value	50 00	
Assessors' block plans, maps, etc. (value unknown)		
Books of records (value unknown)		
		1,361 00

LICENSE

2 Desks		
6 Chairs		
1 Table		
Steel counter		
1 Small steel index file		
1 Two section steel filing cabinet		
3 Settees		
1 Electric fan		
1 1916 Atlas		
		250 00

CITY CLERK

1 Wooden letter file	\$5 00	
1 Swivel book rack	5 00	
3 Leather office chairs	15 00	
3 Old typewriter chairs	15 00	
5 Office chairs	30 00	
1 Wooden supply file	10 00	
2 Steel files for contracts	100 00	
1 Steel file for business certificates	75 00	
1 Steel file for bonds	75 00	
1 Steel file for legal papers	75 00	
Law books	5,000 00	
1 New typewriter desk	50 00	
1 New typewriter chair, steel	19 00	
6 Typewriters	180 00	
1 Typewriter	100 00	
5 Typewriter desks	125 00	
3 Rolltop desks	45 00	
2 Flat top desks	30 00	
2 Typewriter tables	5 00	
Amounts carried forward	\$5,959 00	\$4,978 20

List of City Property — *Continued*

Amounts brought forward..... \$5,959 00 \$4,978 20

City Clerk — *Concluded*

3 Bookcases for law books.....	150 00	
1 Wardrobe.....	15 00	
2 Paper cabinets.....	5 00	
Steel files for birth index.....	300 00	
Steel containers for vital statistics.....	150 00	
Steel containers for City Council papers.....	100 00	
1 Wooden file for newspapers.....	10 00	
1 Steel file for newspapers.....	10 00	
1 Wooden cabinet for directories.....	15 00	
	<hr/>	6,714 00

CITY MESSENGER

1 Rolltop desk.....	\$40 00	
1 Flat top desk.....	18 00	
1 Steel filing cabinet (5 drawers; 3 large and 2 small).....	5 00	
1 Four-drawer wooden filing cabinet.....	1 50	
1 Two-drawer wooden filing cabinet.....	1 50	
1 Large table.....	20 00	
5 Chairs.....	75 00	
1 Map cabinet.....	40 00	
	<hr/>	201 00

LAW

1 Typewriter desk.....	\$5 00	
1 Chair.....	1 00	
1 L. C. Smith typewriter.....	30 00	
1 Small desk cabinet for supplies.....	2 50	
3 Steel filing cases.....	75 00	
1 Small steel card index file.....	2 00	
Law books.....	15 00	
Stationery.....	10 00	
	<hr/>	140 50

ELECTION COMMISSION

6 Portable voting booths.....	\$1,250 00	
Voting compartments and fixtures, 53 precincts.....	1,500 00	
5 Metal filing cabinets.....	400 00	
1 Metal cabinet.....	70 00	
1 Metal book rack.....	16 00	
1 Metal case.....	27 00	
1 Royal typewriter.....	60 00	
1 Remington typewriter.....	20 00	
1 Remington long-carriage typewriter.....	120 00	
2 Typewriter desks.....	20 00	
	<hr/>	
<i>Amounts carried forward</i>	\$3,483 00	\$12,033 70

List of City Property — Continued

<i>Amounts brought forward</i>	\$3,483 00	\$12,033 70
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Election Commission — Concluded

1 Rolltop desk	15 00	
1 Adding machine.....	60 00	
3 Time stamps.....	5 00	
5 Large metal filing cases.....	300 00	
Metal counters and four turn-tables.....	400 00	
1 Typewriter stand.....	18 00	
2 Wooden filing cases.....	10 00	
4 Metal tables.....	75 00	
	<hr/>	4,366 00

ENGINEERING

8 Books, at \$3 each.....	\$24 00	
48 Volumes engineering papers at \$2.50.....	120 00	
2 Logarithm books at \$2 each.....	4 00	
18 Atlases.....	175 00	
1 Pantagraph.....	10 00	
2 Planimeters at \$20 each.....	40 00	
1 Numbering machine.....	5 00	
1 Burroughs adding machine.....	25 00	
1 Typewriter.....	40 00	
Drawing instruments, pens, compasses, etc.	18 00	
Drawing materials and paper.....	20 00	
Wye level.....	50 00	
Locke level.....	5 00	
Dunpy level.....	40 00	
Level, line and sounding rods.....	25 00	
4 Tapes.....	20 00	
3 Transits.....	300 00	
Testing pans, moulds, etc.....	10 00	
2 Cement testing machines.....	10 00	
Electric motor.....	8 00	
Furniture in office.....	200 00	
Photograph outfit, camera, etc.....	100 00	
Rain gauges, standard and self-recording.....	50 00	
Post drill.....	5 00	
Emery wheel.....	5 00	
1 Blue print machine.....	75 00	
Plans, 14,775 at \$10 each (estimated value).....	147,750 00	
505 Survey, line and level books (estimated value)....	10,100 00	
79 House books at \$10 each (estimated value).....	790 00	
1 Chevrolet touring car, Model 1928.....	25 00	
1 Ford touring car, Model 1931.....	100 00	
	<hr/>	160,149 00
<i>Amount carried forward</i>		\$176,548 70

List of City Property — *Continued*

Amount brought forward \$176,548 70

BUILDING

1 Buick sedan \$103 00
 1 Chevrolet touring car 21 00

124 00

	<i>Valuation of Land</i>	<i>Valuation of Buildings</i>	<i>Valuation of Furniture</i>	
City Hall.....	\$100,000 00	\$180,000 00	\$34,800 00	
Brattle Square Building....	35,700 00	60,000 00	3,500 00	
Police Station 3.....	2,500 00	17,800 00	800 00	
Police Station 4.....	5,600 00	21,200 00	300 00	
Parker School.....	13,500 00	5,000 00	.....
Tarbell School.....	6,800 00	1,000 00	.....
Felton School.....	7,000 00	50 00	.....
	<hr/>	<hr/>	<hr/>	
	\$171,100 00	\$285,050 00	\$39,400 00	495,550 00

POLICE

3 Ambulances.....	\$300 00
8 Automobiles.....	400 00
4 Bookcases.....	20 00
19 Blankets.....	19 00
1 Bertillon book.....	1 00
1 Camera and stand.....	50 00
40 Chairs.....	150 00
9 Clocks.....	25 00
7 Directories.....	7 00
240 Diaries.....	182 40
4 Desk lamps.....	12 00
9 Filing cabinets.....	200 00
4 Flat desks.....	100 00
12 Desks (otherwise).....	60 00
6 Fingerprint outfits.....	12 00
9 Fire ropes.....	27 00
1 Fan (electric).....	10 00
2 Grappling irons.....	2 00
3 Hand hoses.....	3 00
250 Hat badges.....	100 00
3 Ice water tanks.....	50 00
22 Ink stands.....	11 00
20 Lanterns.....	20 00
3 Lungmotors.....	150 00
3 Medicine cabinets.....	12 00
8 Motorcycles.....	800 00
3 Messenger bags.....	1 50

Amounts carried forward \$2,724 90 \$672,222 70

List of City Property — Continued

Amounts brought forward \$2,724 90 \$672,222 70

Police — Concluded

1 Private telephone system	200 00	
1 Pair leg irons	7 00	
250 Police badges	250 00	
250 Police clubs	250 00	
2 Pulmotors	20 00	
250 Police keys	135 00	
1 Rug	20 00	
250 Revolvers	1,500 00	
250 Rules and regulations	100 00	
2 Safes	45 00	
3 Steel lockers	50 00	
1 Straight-jacket	10 00	
6 Sets Law Books	20 00	
6 Searchlights	25 00	
50 Traffic belts	100 00	
5 Typewriters	75 00	
3 Tables	12 00	
4 Wardrobes	20 00	
2 Steel bookcases	100 00	
12 Wastebaskets	12 00	
16 Steel cabinets	500 00	
		6,175 90

FIRE

Buildings	Assessed Land	Value of Buildings	
Engine House No. 2 } Ladder House No. 3 }	\$35,000 00	\$24,000 00	
Engine House No. 3	6,600 00	20,400 00	
Engine House No. 4	9,200 00	24,900 00	
Engine House No. 6	3,000 00	12,000 00	
Engine House No. 7	15,500 00	15,900 00	
Engine House No. 8 } Ladder House No. 4 }	3,600 00	30,000 00	
Engine House No. 9	4,900 00	16,200 00	
Ladder House No. 2	4,900 00	12,000 00	
	\$82,700 00	\$155,400 00	238,100 00

Personal Property

Apparatus	\$245,888 00	
Apparatus equipment	15,000 00	
Hardware and tools	1,800 00	
Bedding, chairs, furniture, tables, rugs, lockers, etc	12,000 00	
Miscellaneous	2,000 00	
		276,688 00
Amount carried forward		\$1,193,186 60

List of City Property — Continued

Amount brought forward..... \$1,193,186 60

ELECTRICAL

Fire alarm apparatus and machinery.....	\$15,000 00	
Fire alarm and police telegraph circuits.....	75,000 00	
256 Fire alarm boxes at \$30 each.....	7,680 00	
Police signal apparatus and machinery.....	3,500 00	
107 Police boxes.....	5,350 00	
Police signal reserve apparatus.....	100 00	
Testing instruments.....	150 00	
Tools.....	150 00	
Stock on hand.....	200 00	
1 Buick sedan.....	200 00	
1 General Motors truck.....	200 00	
1 Ford Model T truck.....	25 00	
1 Ford Model A truck.....	75 00	
1 Ford Model A coupe.....	75 00	
1 Ford Model A coupe.....	75 00	
1 Trailer.....	25 00	
Office furniture.....	400 00	
		108,205 00

SEALER OF WEIGHTS AND MEASURES

1 Rolltop desk.....		
1 Black walnut desk.....		
5 Chairs.....		
1 Table.....		
1 Scale cabinet.....		
2 Benches.....		
1 Sink.....		
1 Set revised laws.....		
1 Set card records, oak case.....		
1 Set card index, oak case.....		
1 Hectograph.....		
1 Letterpress.....		
Miscellaneous books.....	200 00	
1 Plush robe.....	6 00	
1 Platform scale (½ pound to 2,500 pounds).....	75 00	
1 Balance scale.....	88 69	
1 Folding platform scale (½ pound to 600 pounds) ..	30 00	
1 Balance (1/10 millegram to 500 grammes).....	35 00	
1 Balance (1/50 grain to ½ pound).....	15 00	
1 Sealer's balance (1 grain to 100 pounds).....	150 00	
2 Leather tool bags.....	9 50	
1 Sealer's balance (1 grain to 8 pounds).....	50 00	
2 Sealer's trip scales.....	5 00	
Amounts carried forward.....	\$664 19	\$1,301,391 60

List of City Property — Continued

Amounts brought forward \$664 19 \$1,301,391 60

Sealer of Weights and Measures — Concluded

1 Spring scale (1 pound to 125 pounds)	1 00	
2 Sets (19) avoirdupois weights (4 pounds to 1/8 ounce)	10 00	
1 Set (9) troy weights (16 ounces to 1 ounce)	3 00	
1 Set (13) metric weights (1 kilo to 1 gramme)	5 00	
5 Boxes miscellaneous weights (not standards)	10 00	
1 Set (3) iron weights (25 pounds, 10 pounds, 5 pounds)	5 00	
40 50 pound weights	100 00	
1 Arch	2 00	
3 Glass graduates	1 00	
1 Set (21) grain weights (1,000 grammes to 1/1,000 gramme)	13 50	
1 Set (21) metric weights (50 grammes to 1/10 gramme)	13 50	
1 Set (5) copper dry measures (1/2 bushel to quart)	45 00	
1 Set (3) brass dry measures (1 quart to 1/2 pint)	5 00	
2 Sets (14) copper liquid measures (1 gallon to 1 gill) . .	30 00	
1 Yard measure	1 50	
1 Iron truck	5 00	
1 5 gallon copper measure	15 00	
1 Steel tape	10 00	
1 Pair inside calipers	3 50	
1 Set brands	3 00	
1 Plumber's furnace	5 00	
Miscellaneous tools	50 00	
3 Record books	15 00	
2 Automobiles (1 Ford and 1 Chrysler)	1,074 19	
		2,090 38

HEALTH

Tuberculosis Hospital

Value of buildings	\$92,600 00	
Value of land (325,828 sq. ft.)	9,800 00	
		102,400 00
Linen and bedding	\$2,000 00	
Instruments and nursing utensils	100 00	
Dishes and kitchen utensils	300 00	
General furnishings and supplies	4,000 00	
Refrigeration plant	4,000 00	
		10,400 00

General

6 Desks		
6 Desk chairs		
2 Desk tables		
Amount carried forward		\$1,416,281 98

List of City Property — *Continued*

Amount brought forward..... \$1,416,281 98

Health — *Continued*

12 Chairs.....		
3 Benches.....	\$300 00	
Card cabinet and letter files (19).....	650 00	
Dictionary and atlases.....	25 00	
Typewriting machines and desk.....	100 00	
Stationery and sundries.....	100 00	
Medical books.....	50 00	
Duplicator and supplies.....	20 00	
	<hr/>	1,245 00
3 Ford automobiles.....		300 00

Dental Clinic

Equipment (8 units).....	\$8,500 00	
Instruments and supplies.....	1,000 00	
Furniture.....	350 00	
	<hr/>	9,850 00

Laboratory

Electric centrifuge.....	\$250 00	
Immersion refractometer.....	100 00	
Zeiss refractometer.....	75 00	
Drying oven.....	6 00	
Water bath.....	150 00	
Polariscope.....	20 00	
Analytical balance and weights.....	45 00	
7 Platinum dishes.....	175 00	
Chemicals and glassware.....	195 00	
2 Desks and 2 chairs.....	100 00	
Discarded apparatus.....	5 00	
Autoclave and furnishings.....	100 00	
Milk collecting outfits.....	15 00	
Apparatus for plating bacteria.....	10 00	
Petri dishes.....	5 00	
1 Ford sedan.....	100 00	
Microscope.....	125 00	
Incubator and thermo-regulator.....	150 00	
Sterilizing oven.....	50 00	
Test tubes.....	5 00	
Diphtheria, sputum and typhoid outfits.....	100 00	
Laboratory supplies.....	120 00	
Cards, card cabinet, stamps and stamp rack.....	350 00	
Electric refrigerator.....	375 00	
Milk box for samples.....	4 25	
Cream balance.....	35 00	
	<hr/>	
<i>Amounts carried forward</i>	\$2,665 25	\$1,427,676 98

List of City Property — Continued

Amounts brought forward \$2,665 25 \$1,427,676 98

Health — Concluded

Sputum shaker	20 00	
Cork stoppers	8 00	
Books	8 00	
Plate glass desk tops	32 00	
Stools	5 00	
		2,738 25

INSPECTION OF ANIMALS

12 Pints colic mixture	\$20 40	
1 Gallon tincture of iodine	7 00	
1 Gallon tincture of nux vomica	7 00	
1 Gallon spirits of camphor	4 75	
4 Gallons spirits of nitrus ether	22 50	
1 Gallon mangoil	6 42	
3 Gallons tincture of ginger	19 50	
6 Pints tincture of capsicum	6 00	
1 Pound chloral hydrate	2 00	
		95 57

SEWER

1 Typewriter	\$30 00	
1 Catch-basin cleaning cart (cast iron)	5 00	
4 Gasoline pumps (\$25)	100 00	
2 Ejectors (\$20)	40 00	
1 One-ton trailer	10 00	
1 Buick coach, model 1926	75 00	
1 Federal truck, model 1929 (4 ton)	700 00	
1 Henderson truck, model 1924 (1 ton)	50 00	
1 Chevrolet truck, model 1927 (1 ton)	75 00	
1 Chevrolet truck, model 1928 (1 ton)	75 00	
1 Autocar truck, model 1923 2½ tons (with Healey catch-basin cleaner attached)	750 00	
1 Fordson tractor, model 1926 (with Healey catch-basin cleaner attached)	500 00	
1 Ford truck, model 1930 (1½ ton)	100 00	
1 Chevrolet touring car, model 1929	50 00	
1 Alemite grease gun	50 00	
2 Hand sprays	5 00	
5 Hand pumps and hose	35 00	
1 Centrifugal pump	10 00	
6 Gasoline pumps	100 00	
1 Healey hand-operated sewer cleaning machine	25 00	
2 Pile driver hammers	10 00	
4 Tool houses	40 00	
Amounts carried forward	\$2,835 00	\$1,430,510 80

List of City Property — Continued

Amounts brought forward \$2,835 00 \$1,430,510 80

Sewer — Concluded

2 Paving breakers	250 00	
60 Tampers	100 00	
60 Screw jacks	100 00	
60 White lanterns	60 00	
60 Red lanterns	60 00	
1 Gasoline concrete mixer	75 00	
1 Air compressor and tools	500 00	
1 Four-legged derrick and fittings	15 00	
1 Street roller	10 00	
1 Hauch thawing outfit	20 00	
1 Portable spot light	10 00	
2 Portable electric lanterns	10 00	
2 Carpenter spot lights	10 00	
6 Pairs long rubber boots	10 00	
15 Pairs short rubber boots	15 00	
12 Oil hats	6 00	
12 Oil coats	10 00	
12 Oil pants	10 00	
300 Feet flushing hose	60 00	
Tools, implements, shovels, picks, etc.	300 00	
Stock on hand, brick, castings, lumber, cement, pipe, etc.	75 00	
House, buildings and land No. 37 Pilgrim Street	18,600 00	
		23,141 00

STREET

Location	Buildings and Land	Value of Land	Value of Buildings	
Raymond Street	City yard, stables, sheds and underpass	\$27,300 00	\$27,000 00	
Hampshire Street	City yard, stables, sheds and municipal garage	32,400 00	71,000 00	
Norfolk Street	Yard and storage shed	13,900 00	300 00	
Acton, Mass.	Land, gravel bank	3,000 00		
New Street	Land, garage and offal plant	3,100 00	36,000 00	
		\$79,700 00	\$134,300 00	214,000 00
68 Motor vehicles			\$65,000 00	
4 Desks and chairs (City Hall office)			25 00	
2 Desks and chairs (Raymond Street office)			10 00	
5 Desks and chairs (New Street office)			15 00	
2 Typewriters and stand			50 00	
3 Filing cabinets			45 00	
Miscellaneous stationery			25 00	
Amounts carried forward			\$651 70	\$1,667,651 80

List of City Property — *Continued*

Amounts brought forward..... \$651 70 \$1,667,651 80

Street — *Concluded*

Road machinery (rollers, mixers, etc.).....	7,500 00	
Shop supplies, paint, hardware and lumber.....	500 00	
Miscellaneous tools.....	1,000 00	
Road-building materials.....	1,000 00	
Shop machinery.....	2,500 00	
Motor vehicle supplies.....	300 00	
2 Information booths.....	200 00	
2 Gas beacons.....	200 00	
100 Section carts.....	1,000 00	
250 Section cans.....	400 00	
	<hr/>	79,770 00

CITY HOSPITAL

Land, Cambridge Street, Line Street and Camelia Ave..	\$81,200 00	
Old buildings.....	25,000 00	
New buildings.....	350,000 00	
Instruments and apparatus.....	30,000 00	
Furnishings and equipment.....	102,715 00	
New addition.....	450,000 00	
	<hr/>	1,038,915 00

PUBLIC WELFARE

City Infirmary

Home.....	\$490,000 00	
Power house and garage.....	24,900 00	
Superintendent's home.....	14,400 00	
Land (359,028 feet).....	35,900 00	
	<hr/>	565,200 00
Machinery.....	\$8,700 00	
Furniture and fittings.....	40,699 00	
Refrigeration equipment.....	980 00	
Tablet.....	395 00	
Ford truck.....	50 00	
	<hr/>	50,824 00

OUTSIDE AID DIVISION

1 Rolltop desk.....	\$5 00	
11 Flat top desks.....	200 00	
7 Typewriter desks.....	125 00	
15 Office chairs.....	75 00	
5 Windsor chairs.....	15 00	
3 Sections steel shelves.....	50 00	
24 Vertical files (steel).....	480 00	
	<hr/>	
<i>Amounts carried forward</i>	\$950 00	\$3,402,360 80

List of City Property — *Continued*

Amounts brought forward..... \$950 00 \$3,402,360 80

Outside Aid Division — *Concluded*

9 Steel 3 x 5 two-drawer cabinets.....	50 00	
1 Steel storage cabinet.....	50 00	
1 Steel clothes locker.....	25 00	
3 Wood filing cabinets.....	5 00	
6 Wooden racks.....	12 00	
4 Wooden tables.....	4 00	
2 Adding machines.....	75 00	
6 Remington typewriters.....	150 00	
1 Remington long-carriage typewriter.....	70 00	
1 Electric lamp.....	5 00	
1 Postal scale.....	1 00	
1 Addressograph.....	150 00	
2 Essex automobiles.....	150 00	
10 Autographic registers.....	5 00	
1 Set General Laws.....	25 00	
200 Directories.....	75 00	
70 Tax lists.....	70 00	
Miscellaneous assortment of printed forms and stationery	25 00	
		1,897 00

SOLDIERS' BENEFITS

15 Units of metal filing cases at \$5.....	\$75 00	
2 Flat top desks at \$5.....	10 00	
1 Typewriter desk.....	10 00	
3 Desk chairs at \$3.....	9 00	
2 Chairs at \$2.....	4 00	
2 Typewriters at \$5.....	10 00	
		118 00

SCHOOL

Taylor School, Charles Street.....	\$46,800 00	
Putnam School, Fourth Street.....	74,600 00	
Thorndike School, Spring Street.....	114,400 00	
Gannett School, Jefferson Street.....	10,900 00	
Boardman School, Windsor and School Streets.....	14,500 00	
Roberts School, Windsor and Harvard Streets.....	581,100 00	
Kelley School, Willow Street.....	92,400 00	
Wellington School, Columbia Street.....	147,900 00	
Fletcher School, Elm Street.....	103,000 00	
Morse School, Allston Street.....	91,500 00	
Willard School, Dana Square.....	36,100 00	
Webster School, Upton Street.....	165,700 00	
Harvard School, Inman and Harvard Streets.....	83,600 00	
<i>Amounts carried forward</i>	\$15,625 00	\$3,404,375 80

List of City Property — Continued

Amounts brought forward..... \$15,625 00 \$3,404,375 80

School — Concluded

Longfellow School, Broadway.....	503,000 00	
Houghton School, Putnam Avenue.....	268,800 00	
Rindge Technical School, Broadway.....	1,462,200 00	
High and Latin School, Broadway.....	781,700 00	
Agassiz School, Sacramento Street.....	133,900 00	
Ellis School, Norris Street.....	57,600 00	
Sleeper School, Dudley Street.....	38,400 00	
Wyman School, Rindge Avenue.....	10,500 00	
Lincoln School, Walden Street.....	227,200 00	
Peabody School, Linnean Street.....	97,300 00	
Lowell School, Lowell Street.....	12,000 00	
Russell School, Larch Road.....	273,300 00	
Haggerty School, Cushing Street.....	53,500 00	
	<hr/>	5,481,900 00

Personal Property

Nash sedan and Ford sedan.....	\$730 00	
Office furniture.....	3,150 00	
Textbooks.....	78,932 70	
Desk and reference books.....	3,316 75	
Apparatus and machinery.....	83,085 37	
Furniture and furnishings.....	140,349 79	
Stock on hand January 1, 1934.....	5,633 51	
	<hr/>	315,198 12

PARK

Charles River Parkway, E. S. Commercial Avenue....	\$265,400 00	
Lot, W. S. Sixth Street.....	300 00	
Apparatus, N. S. Charles Street (playground).....	43,100 00	
Lot, N. S. Main Street.....	31,100 00	
Playground, E. S. Ninth Street corner Hurley Street....	7,300 00	
Shelter House, Cambridge Field, S. S. Cambridge Street	292,000 00	
Lot, N. S. Washington Street.....	100 00	
Fort Washington, E. S. Waverley Street.....	32,900 00	
Lot, N. S. Erie Street.....	100 00	
Lot, rear 334 Columbia Street.....	100 00	
Playground, 113-117 Elm Street.....	4,100 00	
House, 99 Elm Street.....	1,200 00	
Lot, 101-105A Elm Street.....	1,500 00	
Park, S. S. Broadway and W. S. Norfolk Street.....	55,000 00	
Playground, 243 Harvard Street.....	7,000 00	
Lot, S. S. Worcester Street.....	200 00	
Lot, N. S. Putnam Avenue.....	100 00	
	<hr/>	
Amounts carried forward.....	\$741,500 00	\$9,201,473 92

List of City Property — *Continued*

Amounts brought forward \$741,500 00 \$9,201,473 92

Park — *Continued*

Hastings Square, W. S. Brookline and S. S. Chestnut Streets	15,000 00
Lot, E. S. Granite Street	200 00
Lot, E. S. Pleasant Street	100 00
Dana Square, E. S. Magazine, W. S. Lake, W. S. Niagara and S. S. Lawrence Streets	18,000 00
Park, Pleasant Street, Western Ave. and Franklin Street	1,000 00
Lot, 488-490 Franklin Street	1,500 00
Lot, S. S. Hayes Street	1,300 00
House, 18 Hayes Street	2,700 00
Lot, W. S. Magee Street	1,100 00
Lot, N. S. Magee Street	1,100 00
Park, W. S. Pleasant Street	900 00
Lot, S. S. Western Avenue corner of Montague Street..	100 00
Lot, W. S. Montague Street	400 00
Lot, W. S. Montague Street	800 00
Lot, W. S. Montague Street	900 00
Lot, W. S. Montague Street	900 00
Lot, W. S. Montague Street	1,000 00
Lot, W. S. Montague Street	1,200 00
Lot, W. S. Montague Street	200 00
Lot, E. S. Putnam Avenue	3,300 00
Locker Building, E. S. Montague Street	86,400 00
Shelter House, S. S. Flagg Street	46,300 00
Triangular lot, Massachusetts Ave. and Arrow Street..	2,200 00
Lot, Massachusetts Avenue and Cambridge Street . . .	125,900 00
Park, Boylston, Winthrop and Mount Auburn Streets.	46,300 00
Land, Boylston and Murray Streets	21,500 00
Common, Massachusetts Avenue, Garden and Waterhouse Streets	370,800 00
Small Common, W. S. Massachusetts Avenue	19,800 00
Lot, E. S. Bowdoin Street	100 00
Lot, rear 8 George Street	100 00
Lot, S. S. Dudley Street	1,200 00
Lot, W. S. Reed Street	200 00
Shelter and Recreation Building, S. S. Rindge Avenue corner W. S. Groveland Street	180,900 00
Lot, 112-134 Raymond Street	29,600 00
Triangular lot, S. S. Chauncy Street and Garden Street	3,200 00
Park, S. S. Brattle Street through to Mount Auburn Street	35,300 00
Lot, W. S. Madison Street	200 00

Amounts carried forward \$1,763,200 00 \$9,201,473 92

List of City Property — Continued

Amounts brought forward \$1,763,200 00 \$9,201,473 92

Park — Concluded

Lot, W. S. Appleton Street	100 00	
Lot, 150 Vassal Lane	600 00	
Lot, W. S. Chilton Street (in rear)	700 00	
Lot, 283 Mount Auburn Street	8,200 00	
Lot, E. S. Holworthy Place	1,200 00	
Lot, rear E. S. Oxford Avenue	200 00	
Lot, 122-126 Clifton Street	800 00	
Lot, W. S. Clifton Street	800 00	
House and shed, fence, seats, etc. locker showers, N. S. Rindge Avenue	81,100 00	
Lot, N. S. Putnam Avenue	4,400 00	
Office equipment and supplies	230 00	
General equipment, automobiles, rollers, mowers, hose, etc.	1,600 00	
Forestry equipment, sprayers, shears, ladders, etc.	700 00	
Supplies, paint, disinfectant, soap, etc.	250 00	
Tools, shovels, wrenches, etc. (all fields)	800 00	
Miscellaneous, markers, signs, stakes, rope, etc.	300 00	
Playground apparatus and parts	200 00	
		1,865,380 00

RECREATION

1 Dodge sedan	\$40 00	
2 Pianos (old)	60 00	
Amplifier and speaker	150 00	
1 Motion picture projector	160 00	
1 Small projector (old)	40 00	
Odd motion picture film	70 00	
Rubber electric cord	35 00	
Odd electric light bulbs	20 00	
Chairs and tables	15 00	
Odd records (for amplifiers)	5 00	
Odd properties for dramatics and pageantry	25 00	
12 Playground supply boxes	12 00	
12 Street shower sprinklers	24 00	
Odd playground and athletic supplies	30 00	
Play and athletic equipment and materials	150 00	
2 Life boats	35 00	
Miscellaneous, flags, banners, cloth, scissors, megaphones	20 00	
Office equipment and supplies	225 00	
		1,116 00
Amount carried forward		\$11,067,969 92

List of City Property — Continued

Amount brought forward.....\$11,067,969 92

CEMETERY

61 Acres land.....	\$66,900 00	
Chapel.....	7,000 00	
Office building.....	12,000 00	
House.....	3,500 00	
Stable and shed.....	1,000 00	
Personal property.....	7,000 00	
	<hr/>	97,400 00

BOARD OF APPEAL

1 Combination metal filing cabinet.....		50 00
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RETIREMENT BOARD

1 Card index.....	\$10 00	
Stationery and books.....	10 00	
	<hr/>	20 00

EMPLOYMENT

1 Rolltop desk.....	\$15 00	
1 Flat top desk.....	10 00	
1 Swivel desk chair.....	8 00	
1 Desk chair.....	4 00	
1 Filing cabinet.....	18 50	
	<hr/>	55 50

LIBRARY

Library building as per assessors book.....	\$95,300 00	
Books in library.....	200,000 00	
Interior furnishings.....	11,000 00	
Books in East Cambridge Branch.....	7,000 00	
Furnishings in East Cambridge Branch.....	800 00	
Books in North Cambridge Branch.....	10,000 00	
Furnishings in North Cambridge Branch.....	2,500 00	
Books in Central Square Branch.....	7,000 00	
Furnishings in Central Square Branch.....	1,000 00	
Books in Cambridge Field Branch.....	3,000 00	
Furnishings in Cambridge Field Branch.....	800 00	
Books in Observatory Hill Branch.....	3,000 00	
Furnishings in Observatory Hill Branch.....	800 00	
Books in Mount Auburn Branch.....	3,000 00	
Furnishings in Mount Auburn Branch.....	500 00	
Ford truck.....	100 00	
	<hr/>	345,800 00

Amount carried forward.....\$11,511,295 42

List of City Property — *Concluded*

Amount brought forward.....\$11,511,295 42

WATER

Adams Street land.....	\$11,400 00	
Auburn Street land.....	15,500 00	
Auburn Street buildings.....	16,800 00	
Auburn Street pipe, hydrants, meters and stock on hand.	11,000 00	
Auburn Street, tools, trucks, etc.....	5,000 00	
Concord Avenue land.....	32,310 00	
Concord Avenue buildings.....	4,000 00	
Concord Avenue, tools, etc.....	800 00	
Cushing Street.....	20,500 00	
Fresh Pond Lane.....	89,100 00	
Grove Avenue rear.....	9,500 00	
Holworthy Street in gate house.....	15 00	
Huron Avenue sanitary.....	600 00	
Huron Avenue land.....	5,900 00	
Kingsley Park.....	8,000 00	
Lake View Avenue.....	8,600 00	
Lexington Avenue buildings.....	10,000 00	
Massachusetts Avenue, City Hall office.....	1,000 00	
Vassal Lane.....	900 00	
Worthington Street land.....	20,200 00	
Worthington Street buildings.....	102,000 00	
Worthington Street pumps.....	48,574 17	
Worthington Street pumps.....	270,000 00	
Worthington Street house.....	5,000 00	
Woodlawn Avenue.....	15,500 00	
Blanchard Road.....	200 00	
Blanchard Road.....	200 00	
Fitchburg Railroad.....	200 00	
Main pipe, hydrants, meters, gauges, etc.....	5,793,860 14	
Conduits, Broad Canal.....	22,336 00	
63-inch conduit.....	654,139 00	
Stony Brook conduit.....	118,500 00	
Stony Brook conduit 30-inch.....	281,277 56	
Filtration plant.....	998,913 82	
Payson Park pipe line and reservoir.....	302,793 00	
Stony Brook reservation.....	722,093 00	
Stony Brook reservation.....	775 00	
Hobbs Brook reservation.....	1,191,496 00	
Fresh Pond reservation.....	584,491 00	
		11,383,473 69
Total.....		\$22,894,769 11

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF CORPORATIONS AND TAXATION

DIVISION OF ACCOUNTS

REPORT OF AN AUDIT OF THE ACCOUNTS

OF THE
CITY OF CAMBRIDGE

For the Period from
January 1, 1932 to September 2, 1933

Made in Accordance with the Provisions of
Chapter 44, General Laws

MARCH 22, 1934

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF CORPORATIONS AND TAXATION
DIVISION OF ACCOUNTS

State House, Boston
March 22, 1934

To the Honorable Richard M. Russell, Mayor
and the Municipal Council, Cambridge, Mass.

Gentlemen: I submit herewith my report of an audit of the books and accounts of the City of Cambridge for the period from January 1, 1932 to September 2, 1933, made in accordance with the provisions of Chapter 44, General Laws. This is in the form of a report made to me by Mr. Edward H. Fenton, Chief Accountant of this Division.

Very truly yours,

THEODORE N. WADDELL,
Director of Accounts.

Mr. Theodore N. Waddell,
Director of Accounts,
Department of Corporations and Taxation,
State House, Boston.

Sir: As directed by you, I have made an audit of the books and accounts of the City of Cambridge for the period from January 1, 1932 to September 2, 1933, and report thereon as follows:

The financial transactions of the city, as recorded on the books of the several departments receiving or disbursing money for the city or committing bills for collection, were examined and reconciled with the books and records in the city auditor's office.

Auditor. The books and accounts in the city auditor's office were examined and checked in detail. The recorded receipts were compared with the treasurer's records, while the recorded payments were checked with the treasury warrants and with the treasurer's books.

The general and appropriation ledgers were analyzed, and a balance sheet, which is appended to this report, was prepared showing the financial condition of the city as of September 2, 1933.

Treasurer and Collector, as Treasurer. The books and accounts of the treasurer were examined and checked in detail for the period of the audit. The cash books were footed, the recorded receipts were checked with the records in the several departments collecting money for the city and with other sources from which money was paid into the city treasury, while the recorded payments were checked with the warrants authorizing the treasurer to disburse city funds.

The cash on hand was verified by an actual count and the bank balances were reconciled with statements furnished by the banks.

The bond and coupon account was examined and checked. The deposits were checked with the warrants and the payments were checked with the cancelled securities and coupons on file. The outstanding bonds and coupons were listed and reconciled with statements furnished by the banks. In order to facilitate the checking of this account, it is recommended that the treasurer set up a detailed record of all debt, forms for which were furnished sometime ago.

The savings bank books and securities in the custody of the treasurer, representing the investments of the several investment and trust funds, were examined. The income was proved and the receipts and disbursements were examined, being compared with the accounts as entered on the cash book.

The books and accounts of the treasurer of the sinking fund commissioners were examined and checked as of June 22, 1933. The securities representing the investments of the funds were personally examined, the income was proved, the disbursements were checked, and the cash balances were proved by a reconciliation with bank statements.

Tables showing a reconciliation of the treasurer's cash, as well as summaries of the several trust and investment funds, are appended to this report.

Treasurer and Collector, as Collector. The books and accounts of the city treasurer and collector, as collector, were examined and checked in detail. The taxes and assessments outstanding at the time of the previous examination were audited, and all subsequent commitments of property, poll, old age assistance, and motor vehicle excise taxes were analyzed and verified with the assessors' warrants issued for their collection. The cash books were analyzed

and the payments to the treasurer were checked with the treasurer's and the auditor's books.

The recorded abatements were checked with the records of abatements granted by the assessors and the City Council, and the outstanding accounts were listed and reconciled with the auditor's books. Further verification of the outstanding accounts was obtained by mailing notices to a number of persons whose names appeared on the books as owing money to the city, the replies received thereto indicating that the accounts, as listed, are correct.

The tax titles held by the city were examined and checked with the deeds on file, the outstanding accounts being listed and reconciled with the auditor's books.

Appended to this report are tables showing summaries of the several tax and assessment accounts.

License Commissioners. The recorded receipts were checked with the records of applications, and the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books. The transfers to the city for licenses granted, and the refunds of application fees, were verified by a comparison with the treasurer's and the auditor's books.

Mayor's Department. The recorded receipts, representing fees for amusement licenses, etc., were examined, the payments to the treasurer being checked by a comparison with the treasurer's and the auditor's books, and the cash on hand being verified by an actual count.

City Clerk. The records of Council orders pertaining to appropriations, transfers, loan authorizations, and abatements of assessments, were inspected and checked with the auditor's books.

The records of receipts on account of hunting and fishing, and dog licenses, marriage intentions, and recording fees were examined, and the recorded payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books, the cash on hand being verified by an actual count.

Surety Bonds. The surety bonds given by the several city officials for the faithful performance of their duties were examined and found to be in proper form.

Police Department. The records of receipts for revolver permits, services of officers, etc., were examined. The payments to the treasurer were compared with the records of the treasurer

and the auditor, and the cash on hand was verified by an actual count.

Fire Department. In the analysis of the treasurer's cash, an item of fifty cents, representing fees for inspection of oil burners, was noted. On investigation it was found that permits for storing fuel oil are granted by the chief and members of the department, and that the fees collected, as well as the fees for inspection of oil burners, are retained by the chief.

On account of the lack of adequate records, the exact amount of such fees collected could not be determined. It is, therefore, recommended that a complete record of all inspections and permits be kept, and that all fees be paid over to the city treasurer.

Electrical Department. The records of this department relative to receipts for electrical work were examined for the period from March 7, 1933, the date of the previous examination, to November 22, 1933. The cash book was checked to the applications on file, the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books. The outstanding accounts were listed, and the cash on hand was verified by an actual count.

It was noted that apparently no action has been taken to secure settlement of the discrepancies established in the previous audits. It was further noted that the cash on hand at the date of the previous audit, amounting to \$50.35, has not been paid to the city treasurer nor was it accounted for at the date of the current audit, thus increasing the amount of the discrepancy to \$670.10.

Superintendent of Buildings. The records of the department for the issuance of elevator licenses and of building, gas, and plumbing permits were examined and checked with the cash books and applications on file, and the payments to the treasurer were compared with the records in the treasurer's and the auditor's office.

Sealer of Weights and Measures. The records of charges for sealing and adjusting weights and measures were examined and checked, the payments to the treasurer being verified by a comparison with the treasurer's and the auditor's books and the cash on hand being proved by an actual count.

Health Department. The records of receipts on account of milk, oleomargarine, manicure, and other licenses issued, and from the dental clinic were examined, and the payments to the

treasurer were verified by a comparison with the treasurer's and the auditor's books.

Street Department. The records of receipts on account of guarantee deposits, sale of offal, etc.; were checked, and the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books.

Public Welfare Department. The records of the cash receipts from the City Infirmary were checked and verified by a comparison with the treasurer's and the auditor's books.

School Department. The records of receipts on account of school lunches, etc., were examined and the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's cash books. During the current audit an additional discrepancy of \$20.10 was found, making a total discrepancy of \$71.16 as of November 13, 1933.

Library Department. The records of receipts for fines, etc., were examined, and the recorded payments were verified by a comparison with the treasurer's and the auditor's books, the cash on hand being proved by an actual count.

The books and accounts of the several trust funds in the custody of the library trustees were examined as of December 6, 1933, the securities representing the investments of the funds being checked and the income proved. The cash balances were verified with statements received from the banks.

Arrangements were made at the time of the examination of these funds for the transfer of the custody of the securities to the city treasurer.

Attached to this report are tables showing the transactions and condition of these funds as of December 6, 1933.

Park Department. The records of receipts on account of bathhouses, rents, etc., were examined, and the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books.

Water Department. The commitments of water rates, etc., were examined and verified with the books in the auditor's office, the payments to the treasurer were compared with the treasurer's and the auditor's books, and the abatements and refunds were checked with the records in the water department. Considerable difficulty was encountered in checking the abatements and refunds, due to failure to report these transactions properly. It is

recommended that greater care be taken in the preparation of the commitments and bills in order that the collections may be properly recorded and checked.

Cemetery Department. The records of receipts were examined and checked. The recorded payments to the treasurer were compared with the treasurer's and the auditor's books, and the cash on hand was verified by an actual count. It is again recommended that some action be taken to clear the books of the cemetery accounts receivable of \$2,033.55, which sum represents outstanding bills of \$567, and a loss of \$1,466.55 sustained by a reported burglary May 29, 1930.

Departmental Accounts Receivable. The records of the several departments committing bills for collection were examined and reconciled with the treasurer's and the auditor's books.

For the courtesies extended by the various city officials and employees during the progress of the audit, I desire, on behalf of my assistants and for myself, to express appreciation.

Respectfully submitted,

EDWARD H. FENTON,
Chief Accountant.

Motor Vehicle Excise Taxes:					
Levy of 1929.....	\$136 24			William Hopkins, Cashier.....	401 60
Levy of 1930.....	28,465 65			Claims.....	25 47
Levy of 1931.....	18,447 75			Unidentified Receipts.....	56 00
Levy of 1932.....	20,595 28			Constable Fees.....	122 78
Levy of 1933.....	16,093 10			Cemetery Bequests.....	469 00
Special Assessments:				Smith-Hughes Fund.....	1,545 05
Sewer:				Public Welfare Donations.....	5,269 15
Added to Taxes, 1933.....	\$684 53			Hopkins School Fund.....	1,702 93
Committed Interest.....	156 45			Trust Fund Income:	
				Bridge Charitable Fund.....	\$505 18
Sidewalk:				Sarah E. Russell Fund.....	30 53
Unapportioned.....	\$92 55			Webster Thierry School Fund.....	45 33
Added to Taxes, 1931.....	19 77			William Penn Harding Library Fund	110 00
Added to Taxes, 1932.....	317 49			Rev. P. H. Callanan Fund.....	8 75
Added to Taxes, 1933.....	4,114 03			Kingman Fund.....	121 11
Committed Interest.....	245 71				
Tax Titles.....					820 90
				Unexpended Appropriation Balances...	2,676,759 19
Departmental:				Retirement Fund:	
Police.....	\$18 00			Pension Accumulation Fund.....	240 59
Electrical.....	3,158 91			Annuity Reserve Fund.....	1,151 48
Health.....	131,042 51				
Sewer.....	1,872 83			Retirement Deductions.....	2,262 75
Highway.....	5,460 08			Insurance Reserve.....	43 09
Public Welfare.....	285,098 55			Water, Surplus.....	2,185 83
Old Age Assistance.....	39,694 68			Reserve Fund — Overlay Surplus.....	2,068 48
Municipal Hospital.....	74,867 90				
School.....	5,831 91				
Park.....	1,343 43				
Cemetery.....	2,033 55				

DEFERRED REVENUE ACCOUNTS

Apportioned Assessments Not Due:			
Sewer.....			
Sidewalk.....			
Apportioned Sewer Assessment Revenue:			
Due:			
1934.....	\$4,478 29	\$673 42	
1935.....	2,362 38	673 42	
1936.....		640 09	
1937.....		633 28	
1938.....		619 36	
1939.....		619 36	
1940.....		619 36	
			\$4,478 29
Apportioned Sidewalk Assessment Revenue:			
Due:			
1934.....		\$681 21	
1935.....		524 52	
1936.....		326 78	
1937.....		248 66	
1938.....		160 10	
1939.....		154 98	
1940.....		108 71	
1941.....		85 08	
1942.....		72 34	
			2,362 38
			<u>\$6,840 67</u>

BALANCE SHEET — Continued

DEBT ACCOUNTS

Outside Debt Limit:					
Sinking Fund Commissioners	\$2,407,057 94*				
Net Funded or Fixed Debt	4,265,242 06				
		\$6,672,300 00			
Inside Debt Limit:					
Sinking Fund Commissioners	\$245,000 00*				
Net Funded or Fixed Debt	4,171,650 00				
				\$3,028,000 00	
Public Service Enterprise:					
Water Loans:					
Sinking Fund Commissioners	\$458,450 94*				
Net Funded or Fixed Debt	927,500 00				
		1,385,950 94			
				3,644,300 00	
					\$6,672,300 00
Outside Debt Limit:					
Sinking Funds:					
Sewer				\$364,000 00	
Bridge				1,469,000 00	
Park				1,100,000 00	
Playground				95,000 00	
					\$3,028,000 00
Serial Loans:					
Sewer				\$697,500 00	
Street				678,000 00	
Bridge				477,000 00	
Hospital				460,500 00	
School				1,259,400 00	
Park				30,000 00	
Playground				41,900 00	
					3,644,300 00
					\$6,672,300 00
Inside Debt Limit:					
Sinking Funds:					
Sewer				\$223,000 00	
Street				22,000 00	
					\$245,000 00
Serial Loans:					
Sewer				\$242,500 00	
Street				1,991,800 00	
Bridge				111,500 00	
Building				1,126,000 00	
School				650,850 00	
Departmental					
Equipment				24,000 00	
					4,146,650 00

Other Loans:			
Daniel White			
Charitable			
Fund.....	\$5,000 00		
Dowse Institute			
Fund.....	10,000 00		
Saunders			
Temperance			
Fund.....	10,000 00	25,000 00	
			4,416,650 00
Water Loans:			
Sinking Funds.....	\$397,500 00		
Sinking Fund			
Surplus.....	60,950 94		
		\$458,450 94	
Serial Loans.....		927,500 00	
			1,385,950 94
			<u>\$12,474,900 94</u>
			<u>\$12,474,900 94</u>
			<u>\$12,474,900 94</u>

*As of June 22, 1933

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
CITY TREASURER

TOGETHER WITH THE REPORT OF THE
COMMISSIONERS OF SINKING FUNDS OF THE
CITY OF CAMBRIDGE

For the Year Ending December 30, 1933



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

REPORT OF CITY TREASURER

LETTER OF TRANSMITTAL

Cambridge, Mass., January 1, 1934

To the Honorable City Council:

In compliance with the provisions of Chapter 56 of the revised ordinances of 1892, amended to November 8, 1899, compiled to November 10, 1913, concerning "Annual reports of officers and boards in charge of departments," I respectfully submit herewith a report of the receipts and expenditures of the public funds by the Treasury Department during the year ending December 30, 1933, including an account of all bonded and temporary loans negotiated in said year, also a detailed account of official fees received and reports of all trust funds in the care of the City Treasurer. In addition to the above, a report of the Commissioners of the Sinking Funds of the City is included.

Very respectfully,

WILLIAM J. SHEA,
City Treasurer.

**TEMPORARY LOANS IN ANTICIPATION OF REVENUE NEGOTIATED
DURING THE YEAR ENDING DECEMBER 30, 1933**

Date	Maturity	Amount	Discount per Annum
Jan. 16, 1933	Nov. 22, 1933	\$500,000 00	2.24%
Feb. 2, 1933	Nov. 22, 1933	250,000 00	1.95%
Feb. 2, 1933	Nov. 22, 1933	250,000 00	1.63%
Feb. 10, 1933	Nov. 3, 1933	500,000 00	1.53% plus \$4.00
Feb. 13, 1933	Nov. 3, 1933	500,000 00	1.57%
April 3, 1933	Dec. 1, 1933	50,000 00	4.45%
April 3, 1933	Dec. 1, 1933	100,000 00	4.50%
April 6, 1933	Nov. 1, 1933	25,000 00	4.50%
April 10, 1933	Dec. 1, 1933	500,000 00	4.50%
April 14, 1933	Dec. 1, 1933	100,000 00	4.50%
April 21, 1933	Dec. 1, 1933	10,000 00	4.75%
May 9, 1933	Feb. 26, 1934	150,000 00	4.50%
May 11, 1933	Dec. 28, 1933	500,000 00	5%
May 11, 1933	Dec. 28, 1933	25,000 00	4.90%
May 12, 1933	Dec. 20, 1933	10,000 00	5%
May 15, 1933	Oct. 30, 1933	5,000 00	4.50%
May 15, 1933	Oct. 30, 1933	4,000 00	4%
May 19, 1933	Oct. 30, 1933	4,000 00	4%
May 22, 1933	Dec. 15, 1933	10,000 00	4.90%
May 24, 1933	Oct. 27, 1933	1,500 00	3.50%
May 24, 1933	Dec. 28, 1933	40,000 00	4.75%
May 25, 1933	Oct. 27, 1933	5,000 00	4.75%
May 26, 1933	Dec. 28, 1933	500,000 00	4.75%
May 31, 1933	Dec. 1, 1933	10,000 00	4.75%
May 31, 1933	Dec. 28, 1933	5,000 00	4.75%
June 1, 1933	Dec. 15, 1933	50,000 00	4.75%
June 7, 1933	Mar. 30, 1934	100,000 00	4.75%
June 12, 1933	Jan. 10, 1934	25,000 00	4.75%
June 19, 1933	Oct. 27, 1933	7,000 00	3%
June 20, 1933	Oct. 27, 1933	6,000 00	3%
July 5, 1933	Mar. 5, 1934	50,000 00	4.75%
July 6, 1933	Mar. 15, 1934	150,000 00	5%
July 6, 1933	Mar. 15, 1934	50,000 00	4.75%
July 6, 1933	Mar. 5, 1934	75,000 00	4% $\frac{1}{8}$ Com.
July 6, 1933	Mar. 5, 1934	125,000 00	4.50%
July 10, 1933	Mar. 8, 1934	10,000 00	4.50%
July 10, 1933	Mar. 15, 1934	250,000 00	3.75%
July 13, 1933	Mar. 12, 1934	35,000 00	3.75%
July 27, 1933	Nov. 3, 1933	200,000 00	2.25%
Sept. 14, 1933	Mar. 14, 1934	25,000 00	2.25%
Sept. 20, 1933	Mar. 14, 1934	25,000 00	2.25%
Sept. 22, 1933	Mar. 14, 1934	100,000 00	2.25%
Nov. 23, 1933	July 18, 1934	650,000 00	3.70%

PARTICULARS REGARDING BOND SALES NEGOTIATED DURING THE YEAR ENDING DECEMBER 30, 1933

Date of Bonds	Amount	Loan	Years to Run	Rate	Purchaser	Rate
Feb. 1, 1933	\$270,000	Building	\$14,000 annually for 10 years 13,000 annually for 10 years	3 1/4 %	Chase Harris Forbes Corporation of Boston and The First of Boston Corporation of Mass.	100.75
Feb. 1, 1933	230,000	Building	12,000 annually for 10 years 11,000 annually for 10 years	3 1/2 %	Chase Harris Forbes Corporation of Boston and The First of Boston Corporation of Mass.	100.75 100.03 100.155
June 1, 1933 Aug. 1, 1933	100,000 50,000	Street Sewer	20,000 annually for 5 years 2,000 annually for 20 years 1,000 annually for 10 years	4 1/4 % 3 3/4 %	Jackson Curtis Jackson Curtis	100.75 100.03 100.155
Sept. 1, 1933 Sept. 15, 1933 Nov. 2, 1933	200,000 700,000 65,000	Street Municipal Relief Street	40,000 annually for 5 years 140,000 annually for 5 years 13,000 annually for 5 years	3 1/2 % 3 1/4 % 3 3/4 %	N. W. Harris City Co. of Mass. Faxon Gade & Co.	100.36 100.26 100.05

RECAPITULATION

Building	\$500,000 00
Street	365,000 00
Sewer	50,000 00
Municipal Relief	700,000 00
	<hr/>
	\$1,615,000 00

TREASURER'S DEPARTMENT

FEES

Preparing and Posting	\$75 00
Examination of Title	384 00
Per Statute	193 00
Certificates	233 00
Release and Deed of Release	224 00
Advertising	137 00
Demands	4,102 73
	<hr/>
	\$5,348 73

CASH

Cash on hand December 31, 1932	\$501,280 11
Cash receipts for year ending December 30, 1933	17,929,879 12
	<hr/>
Total cash for the year ending December 30, 1933	\$18,431,159 23
Cash expenditures for the year ending December 30, 1933	17,891,622 41
	<hr/>
Cash balance December 30, 1933	\$539,536 82
	<hr/>

Note: For detailed cash receipts and expenditures see Auditor's report.

REPORT OF TRUST FUNDS
IN HANDS OF CITY TREASURER

The following is the condition of the funds:

CEMETERY TRUST FUND

Perpetual Care Fund, December 31, 1932	\$223,912 92
Deeds in Trust, December 31, 1932	572 00
Received from owners of lots for perpetual care	\$7,170 25
Deduct refund to James F. Conlin	108 00
	<hr/>
	7,062 25
	<hr/>
	\$231,547 17

Cash Account

Dr.

Balance on deposit, December 31, 1932	\$22,412 92
Received from owners of lots for perpetual care (net)	7,062 25
Received from owners of lots for deed in trust	30 00
Received interest on investment	8,952 05
Received cash for bonds matured	6,000 00
	<hr/>
	\$44,457 22

Cr.

Paid City of Cambridge for care of lots in perpetual care	\$8,952 05
Balance on deposit in Cambridge Savings Bank	35,505 17
	<hr/>
	\$44,457 22
	<hr/>

Webster Thierry Fund

This is a fund of \$300, donated by Mrs. Louis J. Thierry in memory of her son, Webster H. Thierry, who died while a student at High and Latin School. The income of the fund is to be expended for a prize to the boy in the graduating class, who has been outstanding, especially in his interest in debating and related work, and known as the Webster Thierry Fund.

Amount of fund December 31, 1932 in Charlestown Savings Bank . .	\$331 12
Income on fund	19 16
	<hr/>
	\$350 28
Paid City of Cambridge	19 16
	<hr/>
Amount of fund December 30, 1933, in Charlestown Savings Bank .	\$331 12

William Penn Harding Fund

Amount of fund December 31, 1932	\$1,000 00
Income on fund	35 00
	<hr/>
	\$1,035 00
Paid City of Cambridge	35 00
	<hr/>
Amount of fund December 30, 1933	\$1,000 00

John Wesley Freeze Fund

Amount of fund December 31, 1932	\$197 13
Income added to fund 1933	7 46
	<hr/>
Amount in Cambridgeport Savings Bank, December 30, 1933	\$204 59

Bridge Charitable Fund

Amount of fund December 31, 1932	\$3,413 73
Income added to fund	127 66
	<hr/>
	\$3,541 39
Paid City of Cambridge	126 98
	<hr/>
Amount in Cambridge Savings Bank December 30, 1933	\$3,414 41

Sarah E. Russell Fund

Amount of fund December 31, 1932	\$814 41
Income on fund	30 53
	<hr/>
	\$844 94
Paid City of Cambridge	30 53
	<hr/>
Amount of fund December 30, 1933	\$814 41

Edward L. Kingman Scholarship Fund

Amount of fund December 31, 1932	\$1,700 00
Income on fund	63 75
	<hr/>
	\$1,763 75
Paid City of Cambridge	63 75
	<hr/>
Amount of fund December 30, 1933	\$1,700 00

Reverend P. H. Callanan Fund

Amount of fund December 31, 1932	\$2,000 00
Income on fund	8 75
	<hr/>
	\$2,008 75
Paid City of Cambridge	8 75
	<hr/>
Amount of fund December 30, 1933	\$2,000 00

The following Library Funds are in the custody of the City Treasurer:

Funds established by citizens of Cambridge:

Bonds	\$3,000 00	
Savings account	1,760 00	
Savings account closed	2,640 00	
	<hr/>	\$7,400 00

Saunders Fund, bonds

7,000 00

Citizens Subscription Fund:

Bonds	\$5,000 00	
Savings account	200 00	
Savings account closed	300 00	
	<hr/>	5,500 00

Woolson Fund, bonds	5,000 00
Whorf Fund, bonds	3,000 00
Howe Fund, bonds	3,000 00
Murdock Fund, savings account	2,000 00
Cummings Fund, bonds	2,000 00
Wilson Fund, savings account	1,250 43
Fay Fund, savings account	1,000 00

The Bonded Debt matures as follows:

Issued serially, provided for in the annual tax levy.

Jan.	1, 1934	Sewer	4s	\$500 00
Jan.	1, 1934	Schoolhouse	4s	3,250 00
Feb.	1, 1934	Building (schoolhouse)	4s	500 00
Feb.	1, 1934	School Loan Act of 1928	5s	45,000 00
Feb.	1, 1934	Building	3 $\frac{1}{4}$ s	14,000 00
Feb.	1, 1934	Building	3 $\frac{1}{2}$ s	12,000 00
Mar.	1, 1934	Hospital	4s	4,500 00
Mar.	1, 1934	Building	4s	2,000 00
Mar.	1, 1934	Land for playground	4s	500 00
Mar.	1, 1934	Sewer separate system	4s	1,500 00
Mar.	1, 1934	Sewer separate system	4s	2,000 00
Mar.	1, 1934	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar.	1, 1934	Land for playground	4s	300 00
Mar.	1, 1934	School	4s	2,000 00
Mar.	1, 1934	Separate system of sewers	4s	3,000 00
Mar.	1, 1934	Sewer separate system	4 $\frac{1}{4}$ s	4,000 00
April	1, 1934	Sewer construction	4 $\frac{1}{2}$ s	500 00
April	1, 1934	Main Street, Broadway widening	4s	29,000 00
May	1, 1934	Sewer	3 $\frac{1}{2}$ s	500 00
May	1, 1934	Cambridge Bridge	4s	2,000 00
June	1, 1934	Street	4 $\frac{1}{4}$ s	20,000 00
June	1, 1934	Cemetery	4s	1,000 00
June	1, 1934	Hospital	4s	2,000 00
June	1, 1934	Sewer construction	4s	500 00
June	1, 1934	Sewer separate system	4s	500 00
June	1, 1934	Building	4 $\frac{1}{4}$ s	1,000 00
June	1, 1934	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June	1, 1934	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June	1, 1934	Street	4s	15,000 00
June	1, 1934	Alewife Brook Fresh Pond Highway	3 $\frac{1}{2}$ s	15,000 00
June	1, 1934	Street	4 $\frac{3}{4}$ s	20,000 00
July	1, 1934	Building	4s	4,000 00
July	1, 1934	Sewer	4s	500 00
July	1, 1934	Sewer separate system	4s	500 00
July	1, 1934	Playground	4s	1,000 00
July	1, 1934	Park	4s	1,000 00
July	1, 1934	Street	4s	400 00
July	1, 1934	Sewer separate system	4s	1,000 00
July	1, 1934	Schoolhouse	4 $\frac{1}{2}$ s	5,000 00
July	1, 1934	Building	4 $\frac{1}{2}$ s	4,000 00
July	1, 1934	Sewer	4 $\frac{1}{2}$ s	1,000 00
July	1, 1934	Street	4s	10,000 00
July	1, 1934	School	4s	33,000 00
July	1, 1934	Street	3 $\frac{1}{2}$ s	10,000 00
July	1, 1934	Street	3 $\frac{1}{2}$ s	20,000 00
July	15, 1934	Schoolhouse	4 $\frac{1}{4}$ s	4,000 00
July	15, 1934	Sewer construction	4s	1,000 00
July	15, 1934	Sewer separate system	4s	1,000 00
Aug.	1, 1934	Street	4s	15,000 00
Aug.	1, 1934	Street	4 $\frac{1}{4}$ s	20,000 00
Aug.	1, 1934	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug.	1, 1934	Sewer	4 $\frac{1}{2}$ s	2,000 00
Sept.	1, 1934	Building	4 $\frac{1}{2}$ s	1,000 00
Sept.	1, 1934	Park	3 $\frac{1}{2}$ s	1,000 00

Amount carried forward \$345,950 00

<i>Amount brought forward</i>			\$345,950 00
Sept. 1, 1934	Hospital	4s	\$3,000 00
Sept. 1, 1934	Street	3½s	40,000 00
Sept. 1, 1934	Park	4s	1,000 00
Sept. 1, 1934	Sewer separate system	4½s	3,000 00
Sept. 1, 1934	Street	4½s	14,000 00
Sept. 1, 1934	Street construction	4½s	35,000 00
Sept. 1, 1934	Street construction	4½s	6,000 00
Sept. 15, 1934	Municipal Relief	3¼s	140,000 00
Oct. 1, 1934	Sewer construction	4½s	500 00
Oct. 1, 1934	Sewer construction	4½s	1,500 00
Oct. 1, 1934	Hospital	4½s	8,000 00
Oct. 1, 1934	Sewer	4½s	1,000 00
Oct. 1, 1934	Hospital	5s	2,500 00
Oct. 1, 1934	Sewer	5s	1,000 00
Oct. 1, 1934	Sewer	5s	500 00
Oct. 1, 1934	Building	4½s	2,000 00
Oct. 1, 1934	Sewer construction	4½s	2,000 00
Oct. 1, 1934	Sewer separate system	4½s	1,500 00
Oct. 1, 1934	Schoolhouse	4s	13,000 00
Oct. 1, 1934	First Street Bridge	4s	4,000 00
Oct. 1, 1934	Sewer construction	4s	500 00
Oct. 1, 1934	Sewer separate system	4s	1,000 00
Oct. 1, 1934	Schoolhouse	4s	1,500 00
Oct. 1, 1934	Schoolhouse	4½s	1,000 00
Oct. 1, 1934	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1934	Land for playground	4s	1,000 00
Oct. 1, 1934	Separate system of sewers	4s	2,500 00
Oct. 1, 1934	Street	4¼s	31,000 00
Oct. 1, 1934	Land for playground	4¼s	500 00
Oct. 1, 1934	Sewer separate system	4¼s	2,500 00
Oct. 1, 1934	Oak Circle extension	4s	500 00
Oct. 1, 1934	Church Street widening	4s	3,500 00
Oct. 1, 1934	Street	4s	7,500 00
Oct. 1, 1934	Street	4s	30,000 00
Oct. 1, 1934	City of Cambridge, Charles River Bridge, Acts of 1921	4s	6,000 00
Oct. 1, 1934	Separate system of sewers	4s	1,000 00
Oct. 1, 1934	Street	4s	38,000 00
Oct. 1, 1934	Building	4s	22,000 00
Oct. 1, 1934	Separate system of sewers	4s	1,000 00
Oct. 1, 1934	Street	4s	11,000 00
Oct. 1, 1934	Street	4¼s	35,500 00
Oct. 1, 1934	Building	4¼s	2,500 00
Oct. 1, 1934	Sewer separate system	4¼s	500 00
Oct. 1, 1934	Street	4¼s	10 000 00
Nov. 1, 1934	Sewer	3½s	500 00
Nov. 1, 1934	Additional departmental equipment	4½s	5,000 00
Nov. 1, 1934	Charles River Bridge, Acts of 1921	4½s	18,000 00
Nov. 1, 1934	Street	3½s	10,000 00
Nov. 1, 1934	Northern Traffic Route, Acts of 1924	4½s	50,000 00
Nov. 2, 1934	Street	3¾s	13,000 00
Dec. 1, 1934	Sewer separate system	4s	500 00
Dec. 1, 1934	Sewer construction	4½s	1,000 00
Dec. 1, 1934	Sewer construction	4½s	500 00
Dec. 1, 1934	Street construction	4s	5,000 00
Dec. 1, 1934	Building	4s	1,000 00
Dec. 1, 1934	Combined street and sewer	4s	3,000 00

Amount carried forward \$945,450 00

<i>Amount brought forward</i>			\$945,450 00
Dec. 1, 1934	Street	$3\frac{3}{4}s$	\$5,000 00
Dec. 1, 1934	City of Cambridge, Charles River Bridge, Acts of 1921	$3\frac{3}{4}s$	5,000 00
Dec. 1, 1934	Building	$3\frac{3}{4}s$	7,000 00
Dec. 1, 1934	Third Street Bridge	$3\frac{3}{4}s$	2,500 00
Dec. 1, 1934	Street	$4\frac{1}{4}s$	9,000 00
Dec. 1, 1934	Schoolhouse	$4\frac{1}{4}s$	35,000 00
Dec. 1, 1934	Building	$4\frac{1}{4}s$	3,000 00
Dec. 1, 1934	City Hospital, Acts of 1929	$4\frac{1}{2}s$	35,000 00
Dec. 1, 1934	School, Acts of 1928	$4\frac{1}{2}s$	20,000 00
Dec. 1, 1934	Street	$4\frac{1}{2}s$	3,000 00
Dec. 1, 1934	Street	4s	12,500 00
Jan. 1, 1935	Sewer	4s	500 00
Jan. 1, 1935	Schoolhouse	4s	3,250 00
Feb. 1, 1935	Building (schoolhouse)	4s	500 00
Feb. 1, 1935	School Loan Act of 1928	5s	45,000 00
Feb. 1, 1935	Building	$3\frac{1}{4}s$	14,000 00
Feb. 1, 1935	Building	$3\frac{1}{2}s$	12,000 00
Mar. 1, 1935	Hospital	4s	4,500 00
Mar. 1, 1935	Building	4s	2,000 00
Mar. 1, 1935	Land for playground	4s	500 00
Mar. 1, 1935	Sewer separate system	4s	1,500 00
Mar. 1, 1935	Sewer separate system	4s	2,000 00
Mar. 1, 1935	Sewer separate system	$3\frac{3}{4}s$	3,000 00
Mar. 1, 1935	Land for playground	4s	300 00
Mar. 1, 1935	Sewer separate system	$4\frac{1}{4}s$	4,000 00
Mar. 1, 1935	School	4s	2,000 00
Mar. 1, 1935	Separate system of sewers	4s	3,000 00
April 1, 1935	Sewer construction	$4\frac{1}{2}s$	500 00
April 1, 1935	Main Street, Broadway widening	4s	29,000 00
May 1, 1935	Sewer	$3\frac{1}{2}s$	500 00
May 1, 1935	Cambridge Bridge	4s	2,000 00
June 1, 1935	Cemetery	4s	1,000 00
June 1, 1935	Hospital building	4s	2,000 00
June 1, 1935	Sewer construction	4s	500 00
June 1, 1935	Sewer separate system	4s	500 00
June 1, 1935	Building	$4\frac{1}{4}s$	1,000 00
June 1, 1935	First Street Bridge	$4\frac{1}{4}s$	1,000 00
June 1, 1935	Street	4s	15,000 00
June 1, 1935	Sewer separate system	$4\frac{1}{4}s$	1,500 00
June 1, 1935	Alewife Brook Fresh Pond Highway	$3\frac{1}{2}s$	15,000 00
June 1, 1935	Street	$4\frac{3}{4}s$	20,000 00
June 1, 1935	Street	$4\frac{1}{4}s$	20,000 00
July 1, 1935	Building	4s	4,000 00
July 1, 1935	Sewer	4s	500 00
July 1, 1935	Sewer separate system	4s	500 00
July 1, 1935	Playground	4s	1,000 00
July 1, 1935	Park	4s	1,000 00
July 1, 1935	Sewer separate system	4s	1,000 00
July 1, 1935	Schoolhouse	$4\frac{1}{2}s$	5,000 00
July 1, 1935	Building	$4\frac{1}{2}s$	4,000 00
July 1, 1935	Sewer	$4\frac{1}{2}s$	1,000 00
July 1, 1935	Street	4s	10,000 00
July 1, 1935	School	4s	33,000 00
July 1, 1935	Street	$3\frac{1}{2}s$	10,000 00
July 1, 1935	Street	$3\frac{1}{2}s$	20,000 00
July 15, 1935	Schoolhouse	$4\frac{1}{4}s$	4,000 00
<i>Amount carried forward</i>			\$1,385,000 00

<i>Amount brought forward</i>			\$1,385,000 00
July 15, 1935	Sewer construction	4s	\$1,000 00
July 15, 1935	Sewer separate system	4s	1,000 00
Aug. 1, 1935	Street	4s	15,000 00
Aug. 1, 1935	Street	4 $\frac{1}{4}$ s	20,000 00
Aug. 1, 1935	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1935	Sewer	3 $\frac{3}{4}$ s	2,000 00
Sept. 1, 1935	Building	4 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1935	Park	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1935	Street	3 $\frac{1}{2}$ s	40,000 00
Sept. 1, 1935	Park	4s	1,000 00
Sept. 1, 1935	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1935	Street	4 $\frac{1}{2}$ s	13,000 00
Sept. 1, 1935	Street construction	4 $\frac{1}{2}$ s	35,000 00
Sept. 15, 1935	Municipal Relief	3 $\frac{1}{4}$ s	140,000 00
Oct. 1, 1935	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1935	Hospital	4 $\frac{1}{2}$ s	8,000 00
Oct. 1, 1935	Sewer	5s	1,000 00
Oct. 1, 1935	Hospital	5s	2,500 00
Oct. 1, 1935	Sewer	5s	1,000 00
Oct. 1, 1935	Sewer	5s	500 00
Oct. 1, 1935	Building	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1935	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1935	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1935	Schoolhouse	4s	13,000 00
Oct. 1, 1935	First Street Bridge	4s	4,000 00
Oct. 1, 1935	Sewer construction	4s	500 00
Oct. 1, 1935	Sewer separate system	4s	1,000 00
Oct. 1, 1935	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1935	Land for playground	4s	1,000 00
Oct. 1, 1935	Separate system of sewers	4s	2,500 00
Oct. 1, 1935	Street	4 $\frac{1}{4}$ s	31,000 00
Oct. 1, 1935	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1935	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1935	Church Street widening	4s	3,500 00
Oct. 1, 1935	Schoolhouse	4s	1,000 00
Oct. 1, 1935	Street	4s	7,500 00
Oct. 1, 1935	Street	4s	30,000 00
Oct. 1, 1935	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1935	Separate system of sewers	4s	1,000 00
Oct. 1, 1935	Street	4s	38,000 00
Oct. 1, 1935	Building	4s	22,000 00
Oct. 1, 1935	Separate system of sewers	4s	1,000 00
Oct. 1, 1935	Street	4 $\frac{1}{4}$ s	35,500 00
Oct. 1, 1935	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1935	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1935	Street	4 $\frac{1}{4}$ s	10 000 00
Nov. 1, 1935	Sewer	3 $\frac{1}{2}$ s	500 00
Nov. 1, 1935	Charles River Bridge, Acts of 1921	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1935	Northern Traffic Route, Act of 1924	4 $\frac{1}{4}$ s	50,000 00
Nov. 1, 1935	Street	3 $\frac{1}{2}$ s	10,000 00
Nov. 2, 1935	Street	3 $\frac{3}{4}$ s	13,000 00
Dec. 1, 1935	Sewer separate system	4s	500 00
Dec. 1, 1935	Sewer construction	4 $\frac{1}{2}$ s	1,000 00
Dec. 1, 1935	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1935	Building	4s	1,000 00
Dec. 1, 1935	Combined street and sewer	4s	3,000 00
<i>Amount carried forward</i>			\$1,993,000 00

<i>Amount brought forward</i>			\$1,993,000 00
Dec. 1, 1935	Street	3 $\frac{3}{4}$ s	\$5,000 00
Dec. 1, 1935	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1935	Building	3 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1935	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1935	Street	4 $\frac{1}{4}$ s	9,000 00
Dec. 1, 1935	Schoolhouse	4 $\frac{1}{4}$ s	35,000 00
Dec. 1, 1935	Building	4 $\frac{1}{4}$ s	3,000 00
Dec. 1, 1935	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	35,000 00
Dec. 1, 1935	School, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1935	Street	4s	12,500 00
Jan. 1, 1936	Sewer	4s	500 00
Feb. 1, 1936	Building (schoolhouse)	4s	500 00
Feb. 1, 1936	School Loan Act of 1928	5s	45,000 00
Feb. 1, 1936	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1936	Building	3 $\frac{1}{2}$ s	12,000 00
Mar. 1, 1936	Hospital	4s	4,500 00
Mar. 1, 1936	Building	4s	2,000 00
Mar. 1, 1936	Land for playground	4s	500 00
Mar. 1, 1936	Sewer separate system	4s	1,500 00
Mar. 1, 1936	Sewer separate system	4s	2,000 00
Mar. 1, 1936	Land for playground	4s	300 00
Mar. 1, 1936	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1936	Sewer separate system	4 $\frac{1}{4}$ s	4,000 00
Mar. 1, 1936	School	4s	2,000 00
Mar. 1, 1936	Separate system of sewers	4s	3,000 00
April 1, 1936	Sewer construction	4 $\frac{1}{2}$ s	500 00
April 1, 1936	Main Street, Broadway widening ..	4s	29,000 00
May 1, 1936	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1936	Cambridge Bridge	4s	2,000 00
June 1, 1936	Cemetery	4s	1,000 00
June 1, 1936	Hospital Building	4s	2,000 00
June 1, 1936	Sewer construction	4s	500 00
June 1, 1936	Sewer separate system	4s	500 00
June 1, 1936	Building	4 $\frac{1}{4}$ s	1,000 00
June 1, 1936	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June 1, 1936	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1936	Street	4s	15,000 00
June 1, 1936	Alewife Brook Fresh Pond Highway	3 $\frac{1}{2}$ s	15,000 00
June 1, 1936	Street	4 $\frac{3}{4}$ s	20,000 00
June 1, 1936	Street	4 $\frac{1}{4}$ s	20,000 00
July 1, 1936	Sewer	4s	500 00
July 1, 1936	Sewer separate system	4s	500 00
July 1, 1936	Sewer separate system	4s	1,000 00
July 1, 1936	Park	4s	1,000 00
July 1, 1936	Schoolhouse	4 $\frac{1}{2}$ s	5,000 00
July 1, 1936	Building	4 $\frac{1}{2}$ s	4,000 00
July 1, 1936	School	4s	33,000 00
July 1, 1936	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1936	Playground	4s	500 00
July 1, 1936	Street	3 $\frac{1}{2}$ s	10,000 00
July 1, 1936	Street	3 $\frac{1}{2}$ s	20,000 00
July 15, 1936	Schoolhouse	4 $\frac{1}{4}$ s	4,000 00
July 15, 1936	Sewer construction	4s	1,000 00
July 15, 1936	Sewer separate system	4s	1,000 00
Aug. 1, 1936	Street	4s	15,000 00
Aug. 1, 1936	Street	4 $\frac{1}{4}$ s	20,000 00
<i>Amount carried forward</i>			\$2,448,800 00

<i>Amount brought forward</i>			\$2,448,800 00
Aug. 1, 1936	Sewer	3 $\frac{3}{4}$ s	\$2,000 00
Aug. 1, 1936	Sewer	4 $\frac{1}{2}$ s	2,000 00
Sept. 1, 1936	Park	4s	1,000 00
Sept. 1, 1936	Building	4 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1936	Park	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1936	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1936	Street	4 $\frac{1}{2}$ s	13,000 00
Sept. 1, 1936	Street	4 $\frac{1}{2}$ s	35,000 00
Sept. 1, 1936	Street	3 $\frac{1}{2}$ s	40,000 00
Sept. 15, 1936	Municipal Relief	3 $\frac{1}{4}$ s	140,000 00
Oct. 1, 1936	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1936	Hospital	4 $\frac{1}{2}$ s	8,000 00
Oct. 1, 1936	Sewer	5s	1,000 00
Oct. 1, 1936	Hospital	5s	2,500 00
Oct. 1, 1936	Sewer	5s	1,000 00
Oct. 1, 1936	Sewer	5s	500 00
Oct. 1, 1936	Schoolhouse	4s	1,000 00
Oct. 1, 1936	Building	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1936	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1936	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1936	Schoolhouse	4s	13,000 00
Oct. 1, 1936	First Street Bridge	4s	4 000 00
Oct. 1, 1936	Sewer construction	4s	500 00
Oct. 1, 1936	Sewer separate system	4s	1,000 00
Oct. 1, 1936	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1936	Land for playground	4s	1,000 00
Oct. 1, 1936	Separate system of sewers	4s	2,500 00
Oct. 1, 1936	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1936	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1936	Church Street widening	4s	3,500 00
Oct. 1, 1936	Street	4s	7,500 00
Oct. 1, 1936	Street	4s	30,000 00
Oct. 1, 1936	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1936	Separate system of sewers	4s	1,000 00
Oct. 1, 1936	Street	4s	38,000 00
Oct. 1, 1936	Building	4s	22,000 00
Oct. 1, 1936	Separate system of sewers	4s	1,000 00
Oct. 1, 1936	Street	4 $\frac{1}{4}$ s	35,500 00
Oct. 1, 1936	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1936	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1936	Street	4 $\frac{1}{4}$ s	10,000 00
Nov. 1, 1936	Sewer	3 $\frac{1}{2}$ s	500 00
Nov. 1, 1936	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1936	Northern Traffic Route, Act of 1924 ..	4 $\frac{1}{2}$ s	50,000 00
Nov. 1, 1936	Street	3 $\frac{1}{2}$ s	10,000 00
Nov. 2, 1936	Street	3 $\frac{3}{4}$ s	13,000 00
Dec. 1, 1936	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	35,000 00
Dec. 1, 1936	Sewer separate system	4s	500 00
Dec. 1, 1936	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1936	Sewer construction	4 $\frac{1}{2}$ s	1,000 00
Dec. 1, 1936	Building	4s	1,000 00
Dec. 1, 1936	Combined street and sewer	4s	3,000 00
Dec. 1, 1936	Street	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1936	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1936	Building	3 $\frac{3}{4}$ s	7,000 00
<i>Amount carried forward</i>			\$3,040,800 00

<i>Amount brought forward</i>			\$3,040,800 00
Dec. 1, 1936	Third Street Bridge	3 $\frac{3}{4}$ s	\$2,500 00
Dec. 1, 1936	Street	4 $\frac{1}{4}$ s	9,000 00
Dec. 1, 1936	Schoolhouse	4 $\frac{1}{4}$ s	35,000 00
Dec. 1, 1936	Building	4 $\frac{1}{4}$ s	3,000 00
Dec. 1, 1936	School, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1936	Street	4s	7,500 00
Jan. 1, 1937	Sewer	4s	500 00
Feb. 1, 1937	School Loan Act of 1928	5s	45,000 00
Feb. 1, 1937	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1937	Building	3 $\frac{1}{2}$ s	12,000 00
Mar. 1, 1937	Land for playground	4s	500 00
Mar. 1, 1937	Sewer separate system	4s	1,500 00
Mar. 1, 1937	Sewer separate system	4s	2,000 00
Mar. 1, 1937	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1937	Sewer separate system	4 $\frac{1}{4}$ s	4,000 00
Mar. 1, 1937	School	4s	2,000 00
Mar. 1, 1937	Separate system of sewers	4s	3,000 00
April 1, 1937	Sewer construction	4 $\frac{1}{2}$ s	500 00
April 1, 1937	Main Street, Broadway widening	4s	29,000 00
May 1, 1937	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1937	Cambridge Bridge	4s	2,000 00
June 1, 1937	Cemetery	4s	1,000 00
June 1, 1937	Hospital building	4s	2,000 00
June 1, 1937	Sewer construction	4s	500 00
June 1, 1937	Sewer separate system	4s	500 00
June 1, 1937	Building	4 $\frac{1}{4}$ s	1,000 00
June 1, 1937	Street	4s	15,000 00
June 1, 1937	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June 1, 1937	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1937	Alewife Brook-Fresh Pond Highway	3 $\frac{1}{2}$ s	15 000 00
June 1, 1937	Street	4 $\frac{3}{4}$ s	20,000 00
June 1, 1937	Street	4 $\frac{1}{4}$ s	20,000 00
July 1, 1937	Sewer separate system	4s	500 00
July 1, 1937	Sewer	4s	500 00
July 1, 1937	Sewer separate system	4s	1,000 00
July 1, 1937	Park	4s	1,000 00
July 1, 1937	Schoolhouse	4 $\frac{1}{2}$ s	5,000 00
July 1, 1937	Building	4 $\frac{1}{2}$ s	4,000 00
July 1, 1937	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1937	Playground	4s	500 00
July 1, 1937	School	4s	33,000 00
July 1, 1937	Street	3 $\frac{1}{2}$ s	10,000 00
July 15, 1937	Schoolhouse	4 $\frac{1}{4}$ s	4,000 00
July 15, 1937	Sewer construction	4s	1,000 00
July 15, 1937	Sewer separate system	4s	1,000 00
Aug. 1, 1937	Street	4s	15,000 00
Aug. 1, 1937	Street	4 $\frac{1}{4}$ s	20,000 00
Aug. 1, 1937	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1937	Sewer	3 $\frac{3}{4}$ s	2,000 00
Sept. 1, 1937	Building	4 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1937	Park	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1937	Park	4s	1,000 00
Sept. 1, 1937	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1937	Street	4 $\frac{1}{2}$ s	13,000 00
Sept. 1, 1937	Street	4 $\frac{1}{2}$ s	35,000 00
Sept. 1, 1937	Street	3 $\frac{1}{2}$ s	40,000 00
Sept. 15, 1937	Municipal Relief	3 $\frac{1}{4}$ s	140,000 00
<i>Amount carried forward</i>			\$3,650,300 00

<i>Amount brought forward</i>			\$3,650,300 00
Oct. 1, 1937	Sewer construction	4½s	\$1,500 00
Oct. 1, 1937	Hospital	4½s	8,000 00
Oct. 1, 1937	Sewer	5s	1,000 00
Oct. 1, 1937	Hospital	5s	2,500 00
Oct. 1, 1937	Sewer	5s	1,000 00
Oct. 1, 1937	Sewer	5s	500 00
Oct. 1, 1937	Building	4½s	2,000 00
Oct. 1, 1937	Sewer construction	4½s	2,000 00
Oct. 1, 1937	Sewer separate system	4½s	1,500 00
Oct. 1, 1937	Schoolhouse	4s	13,000 00
Oct. 1, 1937	First Street Bridge	4s	4,000 00
Oct. 1, 1937	Sewer construction	4s	500 00
Oct. 1, 1937	Sewer separate system	4s	1,000 00
Oct. 1, 1937	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1937	Land for playground	4s	1,000 00
Oct. 1, 1937	Separate system of sewers	4s	2,500 00
Oct. 1, 1937	Land for playground	4¼s	500 00
Oct. 1, 1937	Sewer separate system	4¼s	2,500 00
Oct. 1, 1937	City of Cambridge, Charles River		
	Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1937	Separate system of sewers	4s	1,000 00
Oct. 1, 1937	Street	4s	38,000 00
Oct. 1, 1937	Building	4s	22,000 00
Oct. 1, 1937	Separate system of sewers	4s	1,000 00
Oct. 1, 1937	Schoolhouse	4s	1,000 00
Oct. 1, 1937	Street	4¼s	35,500 00
Oct. 1, 1937	Building	4¼s	2,500 00
Oct. 1, 1937	Sewer separate system	4¼s	500 00
Oct. 1, 1937	Charles River Bridge, Acts of 1921	4½s	18,000 00
Oct. 1, 1937	Northern Traffic Route, Act of 1924	4½s	50,000 00
Oct. 1, 1937	Street	4¼s	10,000 00
Nov. 1, 1937	Street	3½s	10,000 00
Nov. 2, 1937	Street	3¾s	13,000 00
Dec. 1, 1937	Sewer separate system	4s	500 00
Dec. 1, 1937	Sewer construction	4½s	1,000 00
Dec. 1, 1937	Sewer construction	4½s	500 00
Dec. 1, 1937	Building	4s	1,000 00
Dec. 1, 1937	Street	3¾s	5,000 00
Dec. 1, 1937	City of Cambridge, Charles River		
	Bridge, Acts of 1921	3¾s	5,000 00
Dec. 1, 1937	Building	3¾s	7,000 00
Dec. 1, 1937	Third Street Bridge	3¾s	2,500 00
Dec. 1, 1937	Street	4¼s	9,000 00
Dec. 1, 1937	Schoolhouse	4¼s	35,000 00
Dec. 1, 1937	Building	4¼s	3,000 00
Dec. 1, 1937	City Hospital, Acts of 1929	4½s	35,000 00
Dec. 1, 1937	School	4½s	20,000 00
Dec. 1, 1937	Street	4s	7,500 00
Jan. 1, 1938	Sewer	4s	500 00
Feb. 1, 1938	School Loan Act of 1928	5s	45,000 00
Feb. 1, 1938	Building	3¼s	14,000 00
Feb. 1, 1938	Building	3½s	12,000 00
Mar. 1, 1938	Land for playground	4s	500 00
Mar. 1, 1938	Sewer separate system	4s	1,500 00
Mar. 1, 1938	Sewer separate system	4s	2,000 00
Mar. 1, 1938	Sewer separate system	3¾s	3,000 00
Mar. 1, 1938	Sewer separate system	4¼s	3,000 00

Amount carried forward \$4,118,300 00

<i>Amount brought forward</i>			\$4,118,300 00
Mar. 1, 1938	School	4s	\$2,000 00
Mar. 1, 1938	Separate system of sewers	4s	3,000 00
May 1, 1938	Sewer	3½s	500 00
May 1, 1938	Cambridge Bridge	4s	2,000 00
June 1, 1938	Hospital Building	4s	2,000 00
June 1, 1938	Sewer construction	4s	500 00
June 1, 1938	Sewer separate system	4s	500 00
June 1, 1938	Building	4¼s	1,000 00
June 1, 1938	Sewer separate system	4¼s	1,500 00
June 1, 1938	First Street Bridge	4¼s	1,000 00
June 1, 1938	Street	4s	15,000 00
June 1, 1938	Alewife Brook Fresh Pond Highway	3½s	15,000 00
June 1, 1938	Street	4¼s	20,000 00
July 1, 1938	Sewer	4s	500 00
July 1, 1938	Sewer separate system	4s	500 00
July 1, 1938	Sewer separate system	4s	1,000 00
July 1, 1938	Park	4s	1,000 00
July 1, 1938	Sewer	4½s	1,000 00
July 1, 1938	Playground	4s	500 00
July 1, 1938	School	4s	33,000 00
July 1, 1938	Street	3½s	10,000 00
July 15, 1938	Schoolhouse	4¼s	4,000 00
July 15, 1938	Sewer construction	4s	1,000 00
July 15, 1938	Sewer separate system	4s	1,000 00
Aug. 1, 1938	Street	4s	15,000 00
Aug. 1, 1938	Sewer	4½s	2,000 00
Aug. 1, 1938	Sewer	3¾s	2,000 00
Sept. 1, 1938	Street	3½s	40,000 00
Sept. 1, 1938	Park	3½s	1,000 00
Sept. 1, 1938	Park	4s	1,000 00
Sept. 1, 1938	Sewer separate system	4½s	3,000 00
Sept. 1, 1938	Street	4½s	13,000 00
Sept. 1, 1938	Street	4½s	35,000 00
Sept. 15, 1938	Municipal Relief	3¼s	140,000 00
Oct. 1, 1938	Sewer construction	4½s	1,500 00
Oct. 1, 1938	Hospital	4½s	3,000 00
Oct. 1, 1938	Sewer	5s	1,000 00
Oct. 1, 1938	Hospital	5s	2,500 00
Oct. 1, 1938	Sewer	5s	1,000 00
Oct. 1, 1938	Sewer	5s	500 00
Oct. 1, 1938	Building	4½s	2,000 00
Oct. 1, 1938	Sewer construction	4½s	2,000 00
Oct. 1, 1938	Sewer separate system	4½s	1,500 00
Oct. 1, 1938	Schoolhouse	4s	13,000 00
Oct. 1, 1938	First Street Bridge	4s	4,000 00
Oct. 1, 1938	Sewer construction	4s	500 00
Oct. 1, 1938	Sewer separate system	4s	1,000 00
Oct. 1, 1938	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1938	Land for playground	4s	1,000 00
Oct. 1, 1938	Separate system of sewers	4s	2,500 00
Oct. 1, 1938	Land for playground	4¼s	500 00
Oct. 1, 1938	Sewer separate system	4¼s	2,500 00
Oct. 1, 1938	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1938	Separate system of sewers	4s	1,000 00
Oct. 1, 1938	Building	4s	22,000 00
Oct. 1, 1938	Separate system of sewers	4s	1,000 00

Amount carried forward \$4,558,800 00

<i>Amount brought forward</i>			\$4,558,800 00
Oct. 1, 1938	Schoolhouse	4s	\$1,000 00
Oct. 1, 1938	Street	4 $\frac{1}{4}$ s	35,500 00
Oct. 1, 1938	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1938	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1938	Charles River Bridge, Acts of 1921	4 $\frac{1}{4}$ s	18,000 00
Oct. 1, 1938	Northern Traffic Route, Act of 1924	4 $\frac{1}{2}$ s	50,000 00
Oct. 1, 1938	Street	4 $\frac{1}{4}$ s	10,000 00
Nov. 2, 1938	Street	3 $\frac{3}{4}$ s	13,000 00
Dec. 1, 1938	Sewer separate system	4s	500 00
Dec. 1, 1938	Sewer construction	4 $\frac{1}{2}$ s	1,000 00
Dec. 1, 1938	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1938	Building	4s	1,000 00
Dec. 1, 1938	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1938	Building	3 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1938	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1938	Street	4 $\frac{1}{4}$ s	4,000 00
Dec. 1, 1938	Schoolhouse	4 $\frac{1}{4}$ s	35,000 00
Dec. 1, 1938	Building	4 $\frac{1}{4}$ s	3,000 00
Dec. 1, 1938	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	35,000 00
Dec. 1, 1938	School, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1938	Street	4s	7,500 00
Jan. 1, 1939	Sewer	4s	500 00
Feb. 1, 1939	School Loan Act of 1928	5s	45,000 00
Feb. 1, 1939	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1939	Building	3 $\frac{1}{2}$ s	12,000 00
Mar. 1, 1939	Land for playground	4s	500 00
Mar. 1, 1939	Sewer separate system	4s	1,500 00
Mar. 1, 1939	Sewer separate system	4s	2,000 00
Mar. 1, 1939	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1939	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1939	School	4s	2,000 00
Mar. 1, 1939	Separate system of sewers	4s	3,000 00
May 1, 1939	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1939	Cambridge Bridge	4s	2,000 00
June 1, 1939	Hospital building	4s	2,000 00
June 1, 1939	Sewer construction	4s	500 00
June 1, 1939	Sewer separate system	4s	500 00
June 1, 1939	Building	4 $\frac{1}{4}$ s	1,000 00
June 1, 1939	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1939	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June 1, 1939	Street	4s	15,000 00
June 1, 1939	Alewife Brook Fresh Pond Highway	3 $\frac{1}{2}$ s	15,000 00
July 1, 1939	Sewer	4s	500 00
July 1, 1939	Sewer separate system	4s	500 00
July 1, 1939	Park	4s	1,000 00
July 1, 1939	Sewer separate system	4s	1,000 00
July 1, 1939	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1939	Playground	4s	500 00
July 1, 1939	School	4s	33,000 00
July 1, 1939	Street	3 $\frac{1}{2}$ s	10,000 00
July 15, 1939	Schoolhouse	4 $\frac{1}{4}$ s	4,000 00
July 15, 1939	Sewer construction	4s	1,000 00
July 15, 1939	Sewer separate system	4s	1,000 00
Aug. 1, 1939	Street	4s	15,000 00
Aug. 1, 1939	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1939	Sewer	3 $\frac{3}{4}$ s	2,000 00
<i>Amount carried forward</i>			\$5,009,300 00

<i>Amount brought forward</i>			\$5,009,300 00
Sept. 1, 1939	Park	3½s	\$1,000 00
Sept. 1, 1939	Park	4s	1,000 00
Sept. 1, 1939	Sewer separate system	4½s	3,000 00
Sept. 1, 1939	Street	4½s	13,000 00
Sept. 1, 1939	Street	4½s	35,000 00
Oct. 1, 1939	Sewer construction	4½s	1,500 00
Oct. 1, 1939	Hospital	4½s	3,000 00
Oct. 1, 1939	Sewer	5s	1,000 00
Oct. 1, 1939	Hospital	5s	2,500 00
Oct. 1, 1939	Sewer	5s	1,000 00
Oct. 1, 1939	Sewer	5s	500 00
Oct. 1, 1939	Building	4½s	2,000 00
Oct. 1, 1939	Sewer construction	4½s	2,000 00
Oct. 1, 1939	Sewer separate system	4½s	1,500 00
Oct. 1, 1939	Schoolhouse	4s	13,000 00
Oct. 1, 1939	First Street Bridge	4s	4,000 00
Oct. 1, 1939	Sewer construction	4s	500 00
Oct. 1, 1939	Sewer separate system	4s	1,000 00
Oct. 1, 1939	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1939	Land for playground	4s	1,000 00
Oct. 1, 1939	Separate system of sewers	4s	2,500 00
Oct. 1, 1939	Land for playground	4¼s	500 00
Oct. 1, 1939	Sewer separate system	4¼s	2,500 00
Oct. 1, 1939	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1939	Separate system of sewers	4s	1,000 00
Oct. 1, 1939	Building	4s	22,000 00
Oct. 1, 1939	Separate system of sewers	4s	1,000 00
Oct. 1, 1939	Schoolhouse	4s	1,000 00
Oct. 1, 1939	Building	4¼s	2,500 00
Oct. 1, 1939	Sewer	4¼s	500 00
Oct. 1, 1939	Street	4¼s	10,000 00
Nov. 1, 1939	Charles River Bridge, Acts of 1921 ..	4½s	18,000 00
Nov. 1, 1939	Northern Traffic Route, Act of 1924 ..	4½s	50,000 00
Dec. 1, 1939	Sewer separate system	4s	500 00
Dec. 1, 1939	Sewer construction	4½s	500 00
Dec. 1, 1939	Building	4s	1,000 00
Dec. 1, 1939	City of Cambridge, Charles River Bridge, Acts of 1921	3¾s	5,000 00
Dec. 1, 1939	Building	3¾s	7,000 00
Dec. 1, 1939	Third Street Bridge	3¾s	2,500 00
Dec. 1, 1939	Schoolhouse	4¼s	35,000 00
Dec. 1, 1939	Building	4¼s	2,000 00
Dec. 1, 1939	City Hospital, Acts of 1929	4½s	35,000 00
Dec. 1, 1939	School, Acts of 1928	4½s	20,000 00
Dec. 1, 1939	Street	4s	7,500 00
Jan. 1, 1940	Sewer	4s	500 00
Feb. 1, 1940	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1940	Building	3¼s	14,000 00
Feb. 1, 1940	Building	3½s	12,000 00
Mar. 1, 1940	Land for playground	4s	500 00
Mar. 1, 1940	Sewer separate system	4s	1,500 00
Mar. 1, 1940	Sewer separate system	4s	2,000 00
Mar. 1, 1940	Sewer separate system	3¾s	3,000 00
Mar. 1, 1940	Sewer separate system	4¼s	3,000 00
Mar. 1, 1940	School	4s	2,000 00
Mar. 1, 1940	Separate system of sewers	4s	3,000 00

Amount carried forward \$5,416,800 00

<i>Amount brought forward</i>			\$5,416,800 00
May 1, 1940	Sewer	3½s	\$500 00
May 1, 1940	Cambridge Bridge	4s	2,000 00
June 1, 1940	Hospital building	4s	2,000 00
June 1, 1940	Sewer construction	4s	500 00
June 1, 1940	Sewer separate system	4s	500 00
June 1, 1940	Building	4¼s	1,000 00
June 1, 1940	Sewer separate system	4¼s	1,500 00
June 1, 1940	First Street Bridge	4¼s	1,000 00
June 1, 1940	Street	4s	15,000 00
June 1, 1940	Alewife Brook Fresh Pond Highway	3½s	15,000 00
July 1, 1940	Sewer	4s	500 00
July 1, 1940	Sewer separate system	4s	500 00
July 1, 1940	Park	4s	1,000 00
July 1, 1940	Sewer	4½s	1,000 00
July 1, 1940	Playground	4s	500 00
July 1, 1940	Sewer separate system	4s	1,000 00
July 1, 1940	School	4s	33,000 00
July 1, 1940	Street	3½s	10,000 00
July 15, 1940	Schoolhouse	4½s	4,000 00
July 15, 1940	Sewer construction	4s	1,000 00
July 15, 1940	Sewer separate system	4s	1,000 00
Aug. 1, 1940	Street	4s	15,000 00
Aug. 1, 1940	Sewer	4½s	2,000 00
Aug. 1, 1940	Sewer	3¾s	2,000 00
Sept. 1, 1940	Park	3½s	1,000 00
Sept. 1, 1940	Park	4s	1,000 00
Sept. 1, 1940	Sewer separate system	4½s	3,000 00
Oct. 1, 1940	Sewer construction	4½s	1,500 00
Oct. 1, 1940	Sewer	5s	1,000 00
Oct. 1, 1940	Hospital	5s	2,500 00
Oct. 1, 1940	Sewer	5s	1,000 00
Oct. 1, 1940	Sewer	5s	500 00
Oct. 1, 1940	Building	4½s	2,000 00
Oct. 1, 1940	Sewer construction	4½s	2,000 00
Oct. 1, 1940	Sewer separate system	4½s	1,500 00
Oct. 1, 1940	Schoolhouse	4s	13,000 00
Oct. 1, 1940	First Street Bridge	4s	4,000 00
Oct. 1, 1940	Sewer construction	4s	500 00
Oct. 1, 1940	Sewer separate system	4s	1,000 00
Oct. 1, 1940	Land for playground	4s	1,000 00
Oct. 1, 1940	Sewer separate system	4s	2,500 00
Oct. 1, 1940	Land for playground	4¼s	500 00
Oct. 1, 1940	Sewer separate system	4¼s	2,500 00
Oct. 1, 1940	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1940	Building	4s	22,000 00
Oct. 1, 1940	Separate system of sewers	4s	1,000 00
Oct. 1, 1940	Separate system of sewers	4s	1,000 00
Oct. 1, 1940	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1940	Schoolhouse	4s	1,000 00
Oct. 1, 1940	Building	4¼s	2,500 00
Oct. 1, 1940	Sewer separate system	4¼s	500 00
Oct. 1, 1940	Charles River Bridge, Acts of 1921	4½s	18,000 00
Oct. 1, 1940	Street	4¼s	10,000 00
Dec. 1, 1940	Sewer separate system	4s	500 00
Dec. 1, 1940	Sewer construction	4½s	500 00
<i>Amount carried forward</i>			\$5,634,300 00

Amount brought forward \$5,634,300 00

Dec. 1, 1940	City of Cambridge, Charles River		
	Bridge, Acts of 1921	3 $\frac{3}{4}$ s	\$5,000 00
Dec. 1, 1940	Building	3 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1940	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1940	Schoolhouse	4 $\frac{1}{4}$ s	35,000 00
Dec. 1, 1940	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1940	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1940	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1940	Street	4s	7,500 00
Jan. 1, 1941	Sewer	4s	500 00
Feb. 1, 1941	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1941	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1941	Building	3 $\frac{1}{2}$ s	12,000 00
Mar. 1, 1941	Land for playground	4s	500 00
Mar. 1, 1941	Sewer separate system	4s	1,500 00
Mar. 1, 1941	Sewer separate system	4s	2,000 00
Mar. 1, 1941	Separate system of sewers	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1941	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1941	School	4s	2,000 00
Mar. 1, 1941	Separate system of sewers	4s	3,000 00
May 1, 1941	Cambridge Bridge	4s	2,000 00
May 1, 1941	Sewer	3 $\frac{1}{2}$ s	500 00
June 1, 1941	Hospital building	4s	2,000 00
June 1, 1941	Sewer construction	4s	500 00
June 1, 1941	Sewer separate system	4s	500 00
June 1, 1941	Building	4 $\frac{1}{4}$ s	1,000 00
June 1, 1941	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June 1, 1941	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1941	Alewife Brook Fresh Pond Highway	3 $\frac{1}{2}$ s	14,000 00
July 1, 1941	Sewer	4s	500 00
July 1, 1941	Sewer separate system	4s	500 00
July 1, 1941	Sewer separate system	4s	1,000 00
July 1, 1941	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1941	Playground	4s	500 00
July 1, 1941	School	4s	33,000 00
July 1, 1941	Street	3 $\frac{1}{2}$ s	10,000 00
July 15, 1941	Schoolhouse	4 $\frac{1}{4}$ s	4,000 00
July 15, 1941	Sewer construction	4s	1,000 00
July 15, 1941	Sewer separate system	4s	1,000 00
Aug. 1, 1941	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1941	Sewer	3 $\frac{3}{4}$ s	2,000 00
Sept. 1, 1941	Park	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1941	Park	4s	1,000 00
Sept. 1, 1941	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1941	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1941	Sewer	5s	1,000 00
Oct. 1, 1941	Sewer	5s	500 00
Oct. 1, 1941	Building	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1941	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1941	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1941	Schoolhouse	4s	13,000 00
Oct. 1, 1941	First Street Bridge	4s	4,000 00
Oct. 1, 1941	Sewer construction	4s	500 00
Oct. 1, 1941	Sewer separate system	4s	1,000 00
Oct. 1, 1941	Land for playground	4s	1,000 00
Oct. 1, 1941	Separate system of sewers	4s	2,500 00
Oct. 1, 1941	Land for playground	4 $\frac{1}{4}$ s	500 00

Amount carried forward \$5,944,300 00

<i>Amount rought forward</i>			\$5,944,300 00
Oct. 1, 1941	Sewer separate system.....	4 $\frac{1}{4}$ s	\$2,500 00
Oct. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1941	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1941	Building.....	4s	22,000 00
Oct. 1, 1941	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1941	Sixth Street Bridge.....	4s	2,000 00
Oct. 1, 1941	Schoolhouse.....	4s	1,000 00
Oct. 1, 1941	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1941	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1941	Charles River Bridge, Acts of 1921..	4 $\frac{1}{2}$ s	18,000 00
Oct. 1, 1941	Street.....	4 $\frac{1}{4}$ s	10,000 00
Dec. 1, 1941	Sewer separate system.....	4s	500 00
Dec. 1, 1941	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1941	Building.....	3 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1941	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1941	Schoolhouse.....	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1941	Schoolhouse, Acts of 1928.....	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1941	City Hospital, Acts of 1929.....	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1941	Building.....	4 $\frac{1}{4}$ s	2,000 00
Jan. 1, 1942	Sewer.....	4s	500 00
Feb. 1, 1942	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1942	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1942	Building	3 $\frac{1}{2}$ s	12,000 00
Mar. 1, 1942	Land for playground.....	4s	500 00
Mar. 1, 1942	Sewer separate system.....	4s	1,500 00
Mar. 1, 1942	Sewer separate system.....	4s	2,000 00
Mar. 1, 1942	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1942	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1942	School.....	4s	1,000 00
Mar. 1, 1942	Separate system of sewers.....	4s	3,000 00
May 1, 1942	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1942	Cambridge Bridge.....	4s	2,000 00
June 1, 1942	Hospital building.....	4s	2,000 00
June 1, 1942	Sewer construction.....	4s	500 00
June 1, 1942	Sewer separate system.....	4s	500 00
June 1, 1942	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1942	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
July 1, 1942	Sewer.....	4s	500 00
July 1, 1942	Sewer separate system.....	4s	500 00
July 1, 1942	Sewer separate system.....	4s	1,000 00
July 1, 1942	Playground.....	4s	500 00
July 1, 1942	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1942	School.....	4s	33,000 00
July 15, 1942	Schoolhouse.....	4 $\frac{1}{4}$ s	4,000 00
July 15, 1942	Sewer construction.....	4s	1,000 00
July 15, 1942	Sewer separate system.....	4s	1,000 00
Aug. 1, 1942	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1942	Sewer	3 $\frac{3}{4}$ s	2,000 00
Sept. 1, 1942	Park.....	3 $\frac{1}{4}$ s	1,000 00
Sept. 1, 1942	Park.....	4s	1,000 00
Sept. 1, 1942	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1942	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1942	Sewer.....	5s	1,000 00
Oct. 1, 1942	Sewer.....	5s	500 00

Amount carried forward \$6,255,300 00

<i>Amount brought forward</i>			\$6,255,300 00
Oct. 1, 1942	Schoolhouse	4s	\$1,000 00
Oct. 1, 1942	Schoolhouse	4s	13,000 00
Oct. 1, 1942	Sewer construction	4½s	2,000 00
Oct. 1, 1942	Sewer separate system	4½s	1,500 00
Oct. 1, 1942	First Street Bridge	4s	4,000 00
Oct. 1, 1942	Sewer construction	4s	500 00
Oct. 1, 1942	Sewer separate system	4s	1,000 00
Oct. 1, 1942	Land for playground	4s	1,000 00
Oct. 1, 1942	Separate system of sewers	4s	2,500 00
Oct. 1, 1942	Land for playground	4¼s	500 00
Oct. 1, 1942	Sewer separate system	4¼s	2,500 00
Oct. 1, 1942	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1942	Separate system of sewers	4s	1 000 00
Oct. 1, 1942	Building	4s	22,000 00
Oct. 1, 1942	Separate system of sewers	4s	1,000 00
Oct. 1, 1942	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1942	Building	4¼s	2,500 00
Oct. 1, 1942	Sewer separate system	4¼s	500 00
Oct. 1, 1942	Charles River Bridge, Acts of 1921	4½s	18,000 00
Dec. 1, 1942	Sewer separate system	4s	500 00
Dec. 1, 1942	Sewer construction	4½s	500 00
Dec. 1, 1942	City of Cambridge, Charles River Bridge, Acts of 1921	3¾s	5,000 00
Dec. 1, 1942	Building	4¾s	7,000 00
Dec. 1, 1942	Third Street Bridge	3¾s	2,500 00
Dec. 1, 1942	Schoolhouse	4¼s	31,000 00
Dec. 1, 1942	Building	4¼s	2,000 00
Dec. 1, 1942	City Hospital, Acts of 1929	4½s	30,000 00
Dec. 1, 1942	Schoolhouse, Acts of 1928	4½s	20,000 00
Jan. 1, 1943	Sewer	4s	500 00
Feb. 1, 1943	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1943	Building	3¼s	14,000 00
Feb. 1, 1943	Building	3½s	12,000 00
Mar. 1, 1943	Land for playground	4s	500 00
Mar. 1, 1943	Sewer separate system	4s	1,500 00
Mar. 1, 1943	Sewer separate system	4s	2,000 00
Mar. 1, 1943	Sewer separate system	3¾s	3,000 00
Mar. 1, 1943	Sewer separate system	4¼s	3,000 00
Mar. 1, 1943	School	4s	1,000 00
Mar. 1, 1943	Separate system of sewers	4s	3,000 00
May 1, 1943	Sewer	3½s	500 00
May 1, 1943	Cambridge Bridge	4s	2,000 00
June 1, 1943	Sewer construction	4s	500 00
June 1, 1943	Sewer separate system	4s	500 00
June 1, 1943	Sewer separate system	4¼s	1,500 00
June 1, 1943	First Street Bridge	4¼s	1,000 00
July 1, 1943	Sewer	4s	500 00
July 1, 1943	Sewer separate system	4s	500 00
July 1, 1943	Sewer separate system	4s	1,000 00
July 1, 1943	Playground	4s	500 00
July 1, 1943	Sewer	4½s	1,000 00
July 1, 1943	School	4s	33,000 00
July 15, 1943	Schoolhouse	4¼s	4,000 00
July 15, 1943	Sewer construction	4s	1,000 00
July 15, 1943	Sewer separate system	4s	1,000 00
Aug. 1, 1943	Sewer	4½s	2,000 00

Amount carried forward \$6,570,300 00

<i>Amount brought forward</i>			\$6,570,300 00
Aug. 1, 1943	Sewer	3 $\frac{3}{4}$ s	\$2,000 00
Sept. 1, 1943	Park	4s	1,000 00
Sept. 1, 1943	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1943	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1943	Sewer	5s	1,000 00
Oct. 1, 1943	Sewer	5s	500 00
Oct. 1, 1943	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1943	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1943	Sewer construction	4s	500 00
Oct. 1, 1943	Land for playground	4s	1,000 00
Oct. 1, 1943	Separate system of sewers	4s	2,500 00
Oct. 1, 1943	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1943	City of Cambridge, Charles River		
	Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1943	Schoolhouse	4s	1,000 00
Oct. 1, 1943	Separate system of sewers	4s	1,000 00
Oct. 1, 1943	Building	4s	22,000 00
Oct. 1, 1943	Separate system of sewers	4s	1,000 00
Oct. 1, 1943	Separate system of sewers	4s	1,000 00
Oct. 1, 1943	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1943	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1943	City of Cambridge, Charles River		
	Bridge, Acts of 1921	4s	18,000 00
Dec. 1, 1943	Sewer separate system	4s	500 00
Dec. 1, 1943	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1943	City of Cambridge, Charles River		
	Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1943	Building	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1943	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1943	Schoolhouse	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1943	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1943	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1943	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Jan. 1, 1944	Sewer	4s	500 00
Feb. 1, 1944	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1944	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1944	Building	3 $\frac{1}{2}$ s	11,000 00
Mar. 1, 1944	Land for playground	4s	500 00
Mar. 1, 1944	Sewer separate system	4s	1,500 00
Mar. 1, 1944	Sewer separate system	4s	2,000 00
Mar. 1, 1944	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1944	School	4s	1,000 00
Mar. 1, 1944	Separate system of sewers	4s	3,000 00
May 1, 1944	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1944	Cambridge Bridge	4s	2,000 00
June 1, 1944	Sewer construction	4s	500 00
June 1, 1944	Sewer separate system	4s	500 00
June 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
July 1, 1944	Sewer	4s	500 00
July 1, 1944	Sewer separate system	4s	500 00
July 1, 1944	Sewer separate system	4s	1,000 00
July 1, 1944	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1944	Playground	4s	500 00
July 1, 1944	School	4s	33,000 00
<i>Amount carried forward</i>			\$6,865,300 00

<i>Amount brought forward</i>			\$6,865,300 00
July 15, 1944	Sewer construction.....	4s	\$1,000 00
July 15, 1944	Sewer separate system.....	4s	1,000 00
Aug. 1, 1944	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1944	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Sept. 1, 1944	Park.....	4s	1,000 00
Sept. 1, 1944	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1944	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1944	Sewer.....	5s	1,000 00
Oct. 1, 1944	Sewer.....	5s	500 00
Oct. 1, 1944	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1944	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1944	Sewer construction.....	4s	500 00
Oct. 1, 1944	Sewer separate system.....	4s	1,000 00
Oct. 1, 1944	Land for playground.....	4s	1,000 00
Oct. 1, 1944	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1944	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1944	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1944	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1944	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1944	Building.....	4s	22,000 00
Oct. 1, 1944	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1944	Schoolhouse.....	4s	1,000 00
Oct. 1, 1944	Sixth Street Bridge.....	4s	2,000 00
Oct. 1, 1944	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1944	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1944	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	4 $\frac{1}{2}$ s	18,000 00
Dec. 1, 1944	Sewer separate system.....	4s	500 00
Dec. 1, 1944	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1944	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1944	Building.....	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1944	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1944	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1944	City Hospital, Acts of 1929.....	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1944	Schoolhouse, Acts of 1928.....	4 $\frac{1}{2}$ s	20,000 00
Jan. 1, 1945	Sewer.....	4s	500 00
Feb. 1, 1945	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1945	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1945	Building.....	3 $\frac{1}{2}$ s	11,000 00
Mar. 1, 1945	Land for playground.....	4s	500 00
Mar. 1, 1945	Sewer separate system.....	4s	1,500 00
Mar. 1, 1945	Sewer separate system.....	4s	2,000 00
Mar. 1, 1945	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1945	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1945	School.....	4s	1,000 00
Mar. 1, 1945	Separate system of sewers.....	4s	3000 00
May 1, 1945	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1945	Cambridge Bridge.....	4s	2,000 00
June 1, 1945	Sewer separate system.....	4s	500 00
June 1, 1945	Sewer construction.....	4s	500 00
June 1, 1945	Sewer separate system.....	4s	1,500 00
July 1, 1945	Sewer.....	4s	500 00
July 1, 1945	Sewer separate system.....	4s	500 00
July 1, 1945	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1945	Playground.....	4s	500 00
<i>Amount carried forward</i>			\$7,099,300 00

<i>Amount brought forward</i>			\$7,099,300 00
July 1, 1945	School	4s	\$33,000 00
July 15, 1945	Sewer construction	4s	1,000 00
July 15, 1945	Sewer separate system	4s	1,000 00
Aug. 1, 1945	Sewer	4½s	2,000 00
Aug. 1, 1945	Sewer	3¾s	2,000 00
Sept. 1, 1945	Sewer separate system	4½s	3,000 00
Oct. 1, 1945	Sewer construction	4½s	1,500 00
Oct. 1, 1945	Sewer	5s	1,000 00
Oct. 1, 1945	Sewer	5s	500 00
Oct. 1, 1945	Sewer construction	4½s	2,000 00
Oct. 1, 1945	Sewer separate system	4½s	1,500 00
Oct. 1, 1945	Sewer construction	4s	500 00
Oct. 1, 1945	Sewer separate system	4s	1,000 00
Oct. 1, 1945	Land for playground	4s	1,000 00
Oct. 1, 1945	Separate system of sewers	4s	2,500 00
Oct. 1, 1945	Land for playground	4¼s	500 00
Oct. 1, 1945	Sewer separate system	4¼s	2,500 00
Oct. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1945	Separate system of sewers	4s	1,000 00
Oct. 1, 1945	Building	4s	22,000 00
Oct. 1, 1945	Separate system of sewers	4s	1,000 00
Oct. 1, 1945	Building	4¼s	2,500 00
Oct. 1, 1945	Sewer separate system	4¼s	500 00
Oct. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921	4½s	18,000 00
Dec. 1, 1945	Sewer construction	4½s	500 00
Dec. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921	3¾s	5,000 00
Dec. 1, 1945	Building	3¾s	6,000 00
Dec. 1, 1945	Third Street Bridge	3¾s	2,500 00
Dec. 1, 1945	Building	4¼s	2,000 00
Jan. 1, 1946	Sewer	4s	500 00
Feb. 1, 1946	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1946	Building	3¼s	13,000 00
Feb. 1, 1946	Building	3½s	11,000 00
Mar. 1, 1946	Land for playground	4s	500 00
Mar. 1, 1946	Sewer separate system	4s	1,500 00
Mar. 1, 1946	Sewer separate system	4s	2,000 00
Mar. 1, 1946	Sewer separate system	3¾s	3,000 00
Mar. 1, 1946	Sewer separate system	4¼s	3,000 00
Mar. 1, 1946	School	4s	1,000 00
Mar. 1, 1946	Separate system of sewers	4s	3,000 00
May 1, 1946	Sewer	3½s	500 00
June 1, 1946	Sewer construction	4s	500 00
June 1, 1946	Sewer separate system	4s	500 00
June 1, 1946	Sewer separate system	4¼s	1,500 00
July 1, 1946	Sewer	4½s	1,000 00
July 15, 1946	Sewer construction	4s	1,000 00
July 15, 1946	Sewer separate system	4s	1,000 00
Aug. 1, 1946	Sewer	4½s	2,000 00
Aug. 1, 1946	Sewer	3¾s	2,000 00
Sept. 1, 1946	Sewer separate system	4½s	3,000 00
Oct. 1, 1946	Sewer construction	4½s	1,500 00
Oct. 1, 1946	Sewer	5s	1,000 00
Oct. 1, 1946	Sewer	5s	500 00
Oct. 1, 1946	Sewer construction	4½s	2,000 00

Amount carried forward \$7,322,300 00

Amount brought forward \$7,322,300 00

Oct.	1, 1946	Sewer separate system	4½s	\$1,500 00
Oct.	1, 1946	Sewer construction	4s	500 00
Oct.	1, 1946	Sewer separate system	4s	1,000 00
Oct.	1, 1946	Land for playground	4s	1,000 00
Oct.	1, 1946	Separate system of sewers	4s	2,500 00
Oct.	1, 1946	Separate system of sewers	4s	1,000 00
Oct.	1, 1946	Land for playground	4¼s	500 00
Oct.	1, 1946	Sewer separate system	4¼s	2,500 00
Oct.	1, 1946	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct.	1, 1946	Building	4s	22,000 00
Oct.	1, 1946	Separate system of sewers	4s	1,000 00
Oct.	1, 1946	Building	4¼s	2,500 00
Oct.	1, 1946	Sewer separate system	4¼s	500 00
Oct.	1, 1946	City of Cambridge, Charles River Bridge, Acts of 1921	4½s	18,000 00
Dec.	1, 1946	Sewer construction	4½s	500 00
Dec.	1, 1946	City of Cambridge, Charles River Bridge, Acts of 1921	3¾s	5,000 00
Dec.	1, 1946	Building	3¾s	6,000 00
Dec.	1, 1946	Third Street Bridge	3¾s	2,500 00
Dec.	1, 1946	Building	4¼s	2,000 00
Feb.	1, 1947	School Loan Act of 1928	5s	44,000 00
Feb.	1, 1947	Building	3¼s	13,000 00
Feb.	1, 1947	Building	3½s	11,000 00
Mar.	1, 1947	Land for playground	4s	500 00
Mar.	1, 1947	Sewer separate system	4s	1,500 00
Mar.	1, 1947	Sewer separate system	4s	2,000 00
Mar.	1, 1947	Sewer separate system	3¾s	3,000 00
Mar.	1, 1947	Sewer separate system	4¼s	3,000 00
Mar.	1, 1947	Separate system of sewers	4s	3,000 00
June	1, 1947	Sewer construction	4s	500 00
June	1, 1947	Sewer separate system	4s	500 00
June	1, 1947	Sewer separate system	4¼s	1,500 00
July	1, 1947	Sewer	4½s	1,000 00
July	15, 1947	Sewer construction	4s	1,000 00
July	15, 1947	Sewer separate system	4s	1,000 00
Aug.	1, 1947	Sewer	4½s	2,000 00
Aug.	1, 1947	Sewer	3¾s	2,000 00
Sept.	1, 1947	Sewer separate system	4½s	3,000 00
Oct.	1, 1947	Sewer construction	4½s	1,500 00
Oct.	1, 1947	Sewer	5s	1,000 00
Oct.	1, 1947	Sewer	5s	500 00
Oct.	1, 1947	Sewer construction	4½s	2,000 00
Oct.	1, 1947	Sewer separate system	4½s	1,500 00
Oct.	1, 1947	Sewer construction	4s	500 00
Oct.	1, 1947	Sewer separate system	4s	1,000 00
Oct.	1, 1947	Land for playground	4s	1,000 00
Oct.	1, 1947	Separate system of sewers	4s	2,500 00
Oct.	1, 1947	Land for playground	4½s	500 00
Oct.	1, 1947	Sewer separate system	4¼s	2,500 00
Oct.	1, 1947	Separate system of sewers	4s	1,000 00
Oct.	1, 1947	Building	4s	22,000 00
Oct.	1, 1947	Separate system of sewers	4s	1,000 00
Oct.	1, 1947	Building	4¼s	2,500 00
Oct.	1, 1947	Sewer separate system	4¼s	500 00

Amount carried forward \$7,532,800 00

<i>Amount brought forward</i>		\$7,532,800 00
Oct. 1, 1947	City of Cambridge, Charles River	
	Bridge, Acts of 1921	4½s \$18,000 00
Dec. 1, 1947	Sewer construction	4½s 500 00
Dec. 1, 1947	City of Cambridge, Charles River	
	Bridge, Acts of 1921	3¾s 5,000 00
Dec. 1, 1947	Building	3¾s 6,000 00
Dec. 1, 1947	Third Street Bridge	3¾s 2,500 00
Dec. 1, 1947	Building	4¼s 2,000 00
Feb. 1, 1948	Building	3¼s 13,000 00
Feb. 1, 1948	Building	3½s 11,000 00
Mar. 1, 1948	Sewer separate system	4s 1,500 00
Mar. 1, 1948	Sewer separate system	4s 2,000 00
Mar. 1, 1948	Sewer separate system	3¾s 3,000 00
Mar. 1, 1948	Sewer separate system	4¼s 3,000 00
Mar. 1, 1948	Separate system of sewers	4s 3,000 00
June 1, 1948	Sewer construction	4s 500 00
June 1, 1948	Sewer separate system	4s 500 00
June 1, 1948	Sewer separate system	4¼s 1,500 00
July 15, 1948	Sewer construction	4s 1,000 00
July 15, 1948	Sewer separate system	4s 1,000 00
Aug. 1, 1948	Sewer	4½s 2,000 00
Aug. 1, 1948	Sewer	3¾s 2,000 00
Sept. 1, 1948	Sewer separate system	4½s 3,000 00
Oct. 1, 1948	Sewer construction	4½s 1,500 00
Oct. 1, 1948	Sewer	5s 1,000 00
Oct. 1, 1948	Sewer	5s 500 00
Oct. 1, 1948	Sewer construction	4½s 2,000 00
Oct. 1, 1948	Sewer separate system	4½s 1,500 00
Oct. 1, 1948	Sewer construction	4s 500 00
Oct. 1, 1948	Sewer separate system	4s 1,000 00
Oct. 1, 1948	Land for playground	4s 1,000 00
Oct. 1, 1948	Separate system of sewers	4s 2,500 00
Oct. 1, 1948	Land for playground	4¼s 500 00
Oct. 1, 1948	Sewer separate system	4¼s 2,500 00
Oct. 1, 1948	Separate system of sewers	4s 1,000 00
Oct. 1, 1948	Separate system of sewers	4s 1,000 00
Oct. 1, 1948	Building	4¼s 2,500 00
Oct. 1, 1948	Sewer separate system	4¼s 500 00
Oct. 1, 1948	City of Cambridge, Charles River	
	Bridge, Acts of 1921	4½s 18,000 00
Dec. 1, 1948	Sewer construction	4½s 500 00
Dec. 1, 1948	Building	4¼s 2,000 00
Feb. 1, 1949	Building	3¼s 13,000 00
Feb. 1, 1949	Building	3½s 11,000 00
Mar. 1, 1949	Sewer separate system	4s 1,500 00
Mar. 1, 1949	Sewer separate system	4s 2,000 00
Mar. 1, 1949	Sewer separate system	3¾s 3,000 00
Mar. 1, 1949	Sewer separate system	4¼s 3,000 00
Mar. 1, 1949	Separate system of sewers	4s 3,000 00
June 1, 1949	Sewer construction	4s 500 00
June 1, 1949	Sewer separate system	4s 500 00
June 1, 1949	Sewer separate system	4¼s 1,500 00
July 15, 1949	Sewer construction	4s 1,000 00
July 15, 1949	Sewer separate system	4s 1,000 00
Aug. 1, 1949	Sewer	4½s 2,000 00
Aug. 1, 1949	Sewer	3¾s 2,000 00
<i>Amount carried forward</i>		\$7,699,800 00

Amount brought forward \$7,699,800 00

Sept. 1, 1949	Sewer separate system	4½s	\$3,000 00
Oct. 1, 1949	Sewer construction	4½s	1,500 00
Oct. 1, 1949	Sewer	5s	1,000 00
Oct. 1, 1949	Sewer	5s	500 00
Oct. 1, 1949	Sewer construction	4½s	2,000 00
Oct. 1, 1949	Sewer separate system	4½s	1,500 00
Oct. 1, 1949	Sewer construction	4s	500 00
Oct. 1, 1949	Sewer separate system	4s	1,000 00
Oct. 1, 1949	Separate system of sewers	4s	2,500 00
Oct. 1, 1949	Land for playground	4¼s	500 00
Oct. 1, 1949	Sewer separate system	4¼s	2,500 00
Oct. 1, 1949	Separate system of sewers	4s	1,000 00
Oct. 1, 1949	Separate system of sewers	4s	1,000 00
Oct. 1, 1949	Land for playground	4s	1,000 00
Oct. 1, 1949	Sewer separate system	4¼s	500 00
Nov. 1, 1949	City of Cambridge, Charles River Bridge, Acts of 1921	4½s	18,000 00
Feb. 1, 1950	Building	3¼s	13,000 00
Feb. 1, 1950	Building	3½s	11,000 00
Mar. 1, 1950	Sewer separate system	4s	1,500 00
Mar. 1, 1950	Sewer separate system	4s	2,000 00
Mar. 1, 1950	Sewer separate system	3¾s	3,000 00
Mar. 1, 1950	Sewer separate system	4¼s	3,000 00
Mar. 1, 1950	Separate system of sewers	4s	3,000 00
June 1, 1950	Sewer construction	4s	500 00
June 1, 1950	Sewer separate system	4s	500 00
June 1, 1950	Sewer separate system	4¼s	1,500 00
July 15, 1950	Sewer construction	4s	1,000 00
July 15, 1950	Sewer separate system	4s	1,000 00
Aug. 1, 1950	Sewer	4½s	2,000 00
Aug. 1, 1950	Sewer	3¾s	2,000 00
Sept. 1, 1950	Sewer separate system	4½s	3,000 00
Oct. 1, 1950	Sewer	5s	1,000 00
Oct. 1, 1950	Sewer	5s	500 00
Oct. 1, 1950	Sewer construction	4½s	2,000 00
Oct. 1, 1950	Sewer separate system	4½s	1,500 00
Oct. 1, 1950	Sewer construction	4s	500 00
Oct. 1, 1950	Sewer separate system	4s	1,000 00
Oct. 1, 1950	Sewer separate system	4s	2,500 00
Oct. 1, 1950	Land for playground	4¼s	500 00
Oct. 1, 1950	Sewer separate system	4¼s	2,500 00
Oct. 1, 1950	Separate system of sewers	4s	1,000 00
Oct. 1, 1950	Separate system of sewers	4s	1,000 00
Oct. 1, 1950	Sewer separate system	4¼s	500 00
Feb. 1, 1951	Building	3¼s	13,000 00
Feb. 1, 1951	Building	3½s	11,000 00
Mar. 1, 1951	Sewer separate system	4s	1,500 00
Mar. 1, 1951	Sewer separate system	4s	2,000 00
Mar. 1, 1951	Sewer separate system	3¾s	3,000 00
Mar. 1, 1951	Sewer separate system	4¼s	3,000 00
Mar. 1, 1951	Sewer separate system	4¼s	3,000 00
June 1, 1951	Sewer construction	4s	500 00
June 1, 1951	Sewer separate system	4s	500 00
June 1, 1951	Sewer separate system	4¼s	1,500 00
July 15, 1951	Sewer construction	4s	1,000 00
July 15, 1951	Sewer separate system	4s	1,000 00
Aug. 1, 1951	Sewer	4½s	2,000 00

Amount carried forward \$7,843,300 00

<i>Amount brought forward</i>			\$7,843,300 00
Aug. 1, 1951	Sewer	3 $\frac{3}{4}$ s	\$2,000 00
Sept. 1, 1951	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1951	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1951	Sewer construction	4s	500 00
Oct. 1, 1951	Sewer separate system	4s	1,000 00
Oct. 1, 1951	Sewer separate system	4s	2,500 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1951	Separate system of sewers	4s	1,000 00
Oct. 1, 1951	Separate system of sewers	4s	1,000 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Feb. 1, 1952	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1952	Building	3 $\frac{1}{2}$ s	11,000 00
Mar. 1, 1952	Sewer separate system	4s	1,500 00
Mar. 1, 1952	Sewer separate system	4s	2,000 00
Mar. 1, 1952	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system	4s	3,000 00
June 1, 1952	Sewer construction	4s	500 00
June 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1952	Sewer separate system	4s	500 00
July 15, 1952	Sewer construction	4s	1,000 00
July 15, 1952	Sewer separate system	4s	1,000 00
Aug. 1, 1952	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1952	Sewer	3 $\frac{3}{4}$ s	2,000 00
Sept. 1, 1952	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1952	Sewer construction	4s	500 00
Oct. 1, 1952	Sewer separate system	4s	1,000 00
Oct. 1, 1952	Sewer separate system	4s	2,500 00
Oct. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1952	Separate system of sewers	4s	1,000 00
Oct. 1, 1952	Separate system of sewers	4s	1,000 00
Oct. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Feb. 1, 1953	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1953	Building	3 $\frac{1}{2}$ s	11,000 00
Mar. 1, 1953	Sewer separate system	4s	1,500 00
Mar. 1, 1953	Sewer separate system	4s	2,000 00
Mar. 1, 1953	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1953	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1953	Separate system of sewers	4s	3,000 00
June 1, 1953	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
July 15, 1953	Sewer construction	4s	1,000 00
July 15, 1953	Sewer separate system	4s	1,000 00
Aug. 1, 1953	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1953	Sewer	3 $\frac{3}{4}$ s	2,000 00
Sept. 1, 1953	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1953	Sewer separate system	4s	2,500 00
Oct. 1, 1953	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1953	Separate system of sewers	4s	1 000 00
Oct. 1, 1953	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Mar. 1, 1954	Sewer separate system	4s	1,500 00
Mar. 1, 1954	Sewer separate system	4s	2,000 00
Mar. 1, 1954	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1954	Sewer separate system	4s	3,000 00
Aug. 1, 1954	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1954	Sewer	3 $\frac{3}{4}$ s	1,000 00
Sept. 1, 1954	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00

Amount carried forward \$7,984,800 00

<i>Amount brought forward</i>			\$7,984,800 00
Oct. 1, 1954	Sewer separate system	4s	\$2,500 00
Oct. 1, 1954	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1954	Separate system of sewers	4s	1,000 00
Oct. 1, 1954	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Mar. 1, 1955	Sewer separate system	4s	1,500 00
Mar. 1, 1955	Sewer separate system	4s	2,000 00
Mar. 1, 1955	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1955	Sewer separate system	4s	3,000 00
Aug. 1, 1955	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1955	Sewer	3 $\frac{3}{4}$ s	1,000 00
Sept. 1, 1955	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1955	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1955	Separate system of sewers	4s	1,000 00
Oct. 1, 1955	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Mar. 1, 1956	Sewer separate system	4s	1,500 00
Mar. 1, 1956	Sewer separate system	4s	2,000 00
Mar. 1, 1956	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1956	Sewer separate system	4s	3,000 00
Aug. 1, 1956	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1956	Sewer	3 $\frac{3}{4}$ s	1,000 00
Sept. 1, 1956	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1956	Separate system of sewers	4s	1,000 00
Oct. 1, 1956	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Mar. 1, 1957	Sewer separate system	4s	2,000 00
Mar. 1, 1957	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1957	Sewer separate system	4s	3,000 00
Aug. 1, 1957	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1957	Sewer	4 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1957	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1957	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Mar. 1, 1958	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1958	Sewer separate system	4s	3,000 00
Aug. 1, 1958	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1958	Sewer	3 $\frac{3}{4}$ s	1,000 00
Sept. 1, 1958	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1958	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Mar. 1, 1959	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1959	Sewer separate system	4s	3,000 00
Aug. 1, 1959	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1959	Sewer	3 $\frac{3}{4}$ s	1,000 00
Sept. 1, 1959	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1960	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1960	Sewer separate system	4s	3,000 00
Aug. 1, 1960	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1960	Sewer	3 $\frac{3}{4}$ s	1,000 00
Mar. 1, 1961	Sewer separate system	4s	3,000 00
Aug. 1, 1961	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1961	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1962	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1962	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1963	Sewer	3 $\frac{3}{4}$ s	1,000 00

 \$8,077,800 00

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

May	1, 1934	Sewer.....	3½s	\$112,000 00
May	1, 1934	Cambridge Bridge special.....	3½s	28,000 00
Nov.	1, 1934	Sewer.....	3½s	5,000 00
May	1, 1935	Sewer.....	3½s	90,000 00
Aug.	1, 1935	Park.....	4s	100,000 00
Feb.	1, 1936	Park.....	4s	100,000 00
May	1, 1936	Sewer.....	4s	35,000 00
Sept.	1, 1936	Sewer.....	4s	25,000 00
April	1, 1937	Sewer.....	4s	60,000 00
Sept.	1, 1937	Park.....	3½s	100,000 00
Nov.	1, 1937	Sewer.....	4s	10,000 00
Nov.	1, 1937	Charles River Improvement.....	3½s	50,000 00
June	1, 1938	Park.....	3½s	50,000 00
Aug.	1, 1938	Park.....	3½s	50,000 00
Aug.	1, 1938	Charles River Improvement.....	3½s	50,000 00
Aug.	1, 1938	Sewer.....	4s	25,000 00
Dec.	1, 1938	Sewer.....	4s	17,000 00
July	1, 1939	Cambridge Bridge.....	3½s	48,000 00
July	1, 1939	Sewer.....	3½s	2,000 00
Aug.	1, 1939	Park.....	3½s	100,000 00
Jan.	1, 1940	Sewer.....	3½s	46,000 00
May	1, 1940	Sewer.....	4s	15,000 00
May	1, 1940	Sewer.....	4s	25,000 00
July	1, 1940	Playground.....	4s	50,000 00
July	1, 1940	Cambridge Bridge.....	3½s	100,000 00
July	1, 1940	Park.....	3½s	50,000 00
Nov.	1, 1940	Park.....	3½s	50,000 00
Feb.	1, 1941	Cambridge Bridge.....	3s	47,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Playground.....	3½s	15,000 00
Oct.	1, 1941	Park.....	3½s	100,000 00
Nov.	1, 1941	Cambridge Bridge.....	3½s	85,000 00
Dec.	1, 1941	Sewer separate system.....	3½s	10,000 00
Dec.	1, 1941	Playground.....	3½s	30,000 00
July	1, 1942	Park.....	3½s	48,000 00
Aug.	1, 1942	Cambridge Bridge.....	3½s	94,000 00
Sept.	1, 1942	Sewer.....	3½s	15,000 00
Jan.	1, 1943	Cambridge Bridge.....	3½s	42,000 00
Feb.	1, 1943	Sewer.....	3½s	10,000 00
Feb.	1, 1943	Sewer separate system.....	3½s	10,000 00
April	1, 1943	Cambridge Bridge.....	3½s	35,000 00
April	1, 1943	Park.....	3½s	50,000 00
July	1, 1943	Sewer.....	4s	25,000 00
Jan.	1, 1944	Cambridge Bridge.....	3½s	71,000 00
May	1, 1944	Cambridge Bridge.....	3½s	164,000 00
Aug.	1, 1944	Cambridge Bridge.....	3½s	100,000 00
Sept.	1, 1944	Cambridge Bridge.....	3½s	50,000 00
Sept.	1, 1944	Park.....	3½s	25,000 00
Nov.	1, 1944	Park.....	3½s	6,000 00
April	1, 1945	Park.....	3½s	5,000 00
May	1, 1945	Park.....	3½s	45,000 00

Amount carried forward.....\$2,505,000 00

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

<i>Amount brought forward</i>			\$2,505,000 00
May 1, 1945	Cambridge Bridge	3½s	\$140,000 00
Aug. 1, 1945	Park	3½s	5,000 00
Dec. 1, 1945	Cambridge Bridge	3½s	100,000 00
Jan. 1, 1946	Cambridge Bridge	3½s	20,000 00
Aug. 1, 1946	Cambridge Bridge	4s	100,000 00
Aug. 1, 1946	Commercial Avenue Bridge	3½s	50,000 00
Sept. 1, 1946	Park	3½s	25,000 00
Sept. 1, 1946	Cambridge Bridge	4s	5,000 00
Jan. 1, 1947	Cambridge Bridge	3½s	50,000 00
July 1, 1947	Cambridge Bridge	4s	40,000 00
Oct. 1, 1947	Cambridge Bridge	4s	15,000 00
Oct. 1, 1947	Park	4s	10,000 00
Aug. 1, 1948	Cambridge Bridge	4s	45,000 00
Aug. 1, 1948	Park	4s	30,000 00
Nov. 1, 1948	Park	4s	12,000 00
Jan. 1, 1950	Park	3½s	8,800 00
July 1, 1950	Cambridge Bridge	4s	20,000 00
Mar. 1, 1951	Park	3½s	17,000 00
July 1, 1951	Park	3½s	7,000 00
Dec. 1, 1951	Park	3½s	6,200 00
Dec. 1, 1951	Bridge	3½s	10,000 00
Mar. 1, 1952	Bridge	3½s	10,000 00
			<hr/>
			\$3,231,000 00

The Bonded Water Debt matures as follows:

Provided for by Sinking Fund.

May 1, 1936	4s	\$280,000 00	
June 1, 1937	4s	49,000 00	
July 1, 1937	4s	25,000 00	
Aug. 1, 1938	4s	17,000 00	
May 1, 1941	3½s	16,500 00	
Dec. 1, 1941	3½s	10,000 00	
		<hr/>	
			\$397,500 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

July 1, 1934.....	4s	\$1,500 00
Aug. 1, 1934.....	3½s	24,000 00
Sept. 1, 1934.....	3½s	1,000 00
Oct. 1, 1934.....	4½s	11,000 00
Oct. 1, 1934.....	4s	14,000 00
Dec. 1, 1934.....	3½s	1,000 00
July 1, 1935.....	4s	1,500 00
Aug. 1, 1935.....	3½s	24,000 00
Sept. 1, 1935.....	3½s	1,000 00
Oct. 1, 1935.....	4½s	11,000 00
Oct. 1, 1935.....	4s	14,000 00
Dec. 1, 1935.....	3½s	1,000 00
July 1, 1936.....	4s	1,500 00
Aug. 1, 1936.....	3½s	24,000 00
Sept. 1, 1936.....	3½s	1,000 00
Oct. 1, 1936.....	4½s	11,000 00
Oct. 1, 1936.....	4s	14,000 00
July 1, 1937.....	4s	1,500 00
Aug. 1, 1937.....	3½s	24,000 00
Sept. 1, 1937.....	3½s	1,000 00
Oct. 1, 1937.....	4½s	11,000 00
Oct. 1, 1937.....	4s	14,000 00
July 1, 1938.....	4s	1,500 00
Aug. 1, 1938.....	3½s	24,000 00
Oct. 1, 1938.....	4½s	11,000 00
Oct. 1, 1938.....	4s	13,000 00
July 1, 1939.....	4s	1,500 00
Aug. 1, 1939.....	3½s	24,000 00
Oct. 1, 1939.....	4½s	11,000 00
Oct. 1, 1939.....	4s	13,000 00
July 1, 1940.....	4s	1,500 00
Aug. 1, 1940.....	3½s	24,000 00
Oct. 1, 1940.....	4½s	11,000 00
Oct. 1, 1940.....	4s	13,000 00
July 1, 1941.....	4s	1,500 00
Aug. 1, 1941.....	3½s	24,000 00
Oct. 1, 1941.....	4½s	11,000 00
Oct. 1, 1941.....	4s	13,000 00
July 1, 1942.....	4s	1,500 00
Aug. 1, 1942.....	3½s	24,000 00
Oct. 1, 1942.....	4½s	11,000 00
Oct. 1, 1942.....	4s	13,000 00
July 1, 1943.....	4s	1,500 00
Aug. 1, 1943.....	3½s	24,000 00
Oct. 1, 1943.....	4½s	11,000 00
July 1, 1944.....	4s	1,500 00
Aug. 1, 1944.....	3½s	24,000 00
Oct. 1, 1944.....	4½s	11,000 00
Aug. 1, 1945.....	3½s	24,000 00
Oct. 1, 1945.....	4½s	11,000 00
Aug. 1, 1946.....	3½s	24,000 00
Oct. 1, 1946.....	4½s	11,000 00
Aug. 1, 1947.....	3½s	23,000 00
Oct. 1, 1947.....	4½s	11,000 00

Amount carried forward \$632,500 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

<i>Amount brought forward</i>		\$632,500 00
Aug. 1, 1948	3 $\frac{1}{2}$ s	\$23,000 00
Oct. 1, 1948	4 $\frac{1}{2}$ s	11,000 00
Aug. 1, 1949	3 $\frac{1}{2}$ s	23,000 00
Oct. 1, 1949	4 $\frac{1}{2}$ s	11,000 00
Aug. 1, 1950	3 $\frac{1}{2}$ s	23,000 00
Oct. 1, 1950	4 $\frac{1}{2}$ s	11,000 00
Aug. 1, 1951	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1952	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1953	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1954	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1955	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1956	3 $\frac{1}{2}$ s	23,000 00
		<hr/>
		\$872,500 00

REPORT OF THE COMMISSIONERS OF THE SINKING FUNDS OF THE CITY OF CAMBRIDGE

To the Honorable City Council:

The commissioners of the several sinking funds of the city herewith submit their annual reports, covering the year ending December 30, 1933. Our report shows the condition of the sinking funds under two divisions: first, Municipal; second, Water.

The following is the condition of the Municipal Loan Fund:

Dr.	
The amount of the funds, December 31, 1932	\$2,628,275 19
Received interest on invested funds	109,086 02
Received discounts on bonds purchased	2,440 34
Received premiums on bonds sold	15,009 20
	\$2,754,810 75
Cr.	
Paid to City Treasurer to pay bonds maturing during the year	\$93,250 00
Paid premiums on bonds purchased	2,074 62
Paid interest accrued on bonds purchased	1,438 60
Amount of fund, December 30, 1933	2,658,047 53
	\$2,754,810 75

The following is the condition of the Water Loan Fund:

Dr.	
The amount of the fund, December 31, 1932	\$449,871 08
Received interest on invested funds	17,569 62
	\$467,440 70
Cr.	
Paid interest accrued on bonds purchased	\$235 27
Paid premiums on bonds purchased	177 38
Amount of fund, December 30, 1933	467,028 05
	\$467,440 70

MUNICIPAL FUND ACCOUNT

Bond Account

Amount of bonds in fund, December 31, 1932	\$2,543,200 00	
Amount of bonds purchased	124,500 00	
Amount of notes purchased	150,000 00	
	<hr/>	
	\$2,817,700 00	
Amount of bonds sold	\$202,500 00	
Amount of bonds matured	74,300 00	
Amount of bonds in fund, December 30, 1933	2,540,900 00	\$2,540,900 00
	<hr/>	
	\$2,817,700 00	

Cash Account

Dr.

Cash in bank, December 31, 1932	\$85,075 19
Received interest on invested funds	109,086 02
Received for bonds matured	74,300 00
Received premiums on bonds sold	15,009 20
Received discount on bonds purchased	2,440 34
Received for bonds sold	202,500 00
	<hr/>
	\$488,410 75

Cr.

Paid to City Treasurer to redeem maturing bonds . . .	\$93,250 00	
Paid for bonds and notes purchased	274,500 00	
Paid interest accrued on bonds purchased	1,438 60	
Paid premium on bonds purchased	2,074 62	
Balance on deposit in Harvard Trust Company	117,147 53	117,147 53
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	\$488,410 75	

Total amount of fund, December 30, 1933	\$2,658,047 53
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WATER LOAN FUND

Bond Account

Amount of bonds in fund, December 31, 1932	\$443,500 00	
Amount of bonds purchased	24,000 00	
	<hr/>	
	\$467,500 00	
Amount of bonds matured	\$1,500 00	
Amount of bonds in fund, December 30, 1933	466,000 00	\$466,000 00
	<hr/>	
	\$467,500 00	

Cash Account

Dr.

Cash in bank, December 31, 1932	\$6,371 08
Received from bonds matured	1,500 00
Received interest on invested funds	17,569 62
	<hr/>
	\$25,440 70

	Cr.		
Paid for bonds purchased	\$24,000 00		
Paid interest accrued on bonds purchased	235 27		
Paid premiums on bonds purchased	177 38		
Balance on deposit, Lechmere National Bank	1,028 05	1,028 05	
	<u>\$25,440 70</u>		
Total amount of fund, December 30, 1933			\$467,028 05

The committee appointed to audit the accounts of the Treasurer of the funds reports that his accounts are correct and properly vouched and his books are well kept. The bonds and coupons have been examined and checked up and found correct. The interest, bond and cash transactions of the Treasurer during the year have been carefully computed independently of his books and their correctness thereby proved.

ARTHUR M. WRIGHT,
WILLIAM H. REARDON, JR.

The following are the investments belonging to the Municipal Loan Fund:

City of Cambridge Notes (Nos. 99 to 101, \$50,000 each)	4½%	Feb. 26, 1934	\$150,000 00
City of Cambridge Bonds	4%	Mar. 1934	2,300 00
City of Cambridge Bonds	3½%	May 1934	1,000 00
City of Cambridge Bonds	4%	Dec. 1934	3,000 00
City of Cambridge Bonds	4%	Mar. 1935	2,300 00
City of Cambridge Bonds	4%	Aug. 1935	100,000 00
City of Cambridge Bonds	4%	Dec. 1935	3,000 00
City of Cambridge Bonds	4%	Feb. 1936	45,000 00
City of Cambridge Bonds	4%	Mar. 1936	2,300 00
City of Cambridge Bonds	4%	May 1936	37,000 00
City of Cambridge Bonds	4%	Dec. 1936	3,000 00
City of Cambridge Bonds	4%	Mar. 1937	2,000 00
City of Cambridge Bonds	3½%	Sept. 1937	90,000 00
City of Cambridge Bonds	4%	Nov. 1937	10,000 00
City of Cambridge Bonds	3½%	Nov. 1937	50,000 00
City of Cambridge Bonds	4%	Mar. 1938	2,000 00
City of Cambridge Bonds	3½%	June 1938	50,000 00
City of Cambridge Bonds	3½%	Aug. 1938	78,000 00
City of Cambridge Bonds	4%	Aug. 1938	15,000 00
City of Cambridge Bonds	4%	Mar. 1939	2,000 00
City of Cambridge Bonds	3½%	July 1939	1,000 00
City of Cambridge Bonds	3½%	Aug. 1939	1,000 00
City of Cambridge Bonds	4%	Aug. 1939	6,000 00
City of Cambridge Bonds	4¼%	Dec. 1939	14,000 00
City of Cambridge Bonds	4%	Mar. 1940	2,000 00
City of Cambridge Bonds	4%	Mar. 1941	2,000 00
Amount carried forward			<u>\$673,900 00</u>

<i>Amount brought forward</i>				\$673,900 00
City of Cambridge Bonds	3½%	Oct.	1941	25,000 00
City of Cambridge Bonds	3½%	Nov.	1941	25,000 00
City of Cambridge Bonds	4%	Mar.	1942	2,000 00
City of Cambridge Bonds	3½%	Aug.	1942	4,000 00
City of Cambridge Bonds	3½%	Jan.	1943	11,000 00
City of Cambridge Bonds	4%	Mar.	1943	2,000 00
City of Cambridge Bonds	3½%	April	1943	8,000 00
City of Cambridge Bonds	3½%	Jan.	1944	7,000 00
City of Cambridge Bonds	4%	Mar.	1944	2,000 00
City of Cambridge Bonds	3½%	May	1944	22,000 00
City of Cambridge Bonds	4%	Mar.	1945	2,000 00
City of Cambridge Bonds	3½%	May	1945	5,000 00
City of Cambridge Bonds	4%	Mar.	1946	2,000 00
City of Cambridge Bonds	4%	Aug.	1946	50,000 00
City of Cambridge Bonds	4%	Mar.	1947	2,000 00
City of Cambridge Bonds	4%	Mar.	1948	2,000 00
City of Cambridge Bonds	4%	Mar.	1949	2,000 00
City of Cambridge Bonds	4%	Mar.	1950	2,000 00
City of Cambridge Bonds	4%	Mar.	1951	2,000 00
City of Cambridge Bonds	4%	Mar.	1952	2,000 00
City of Cambridge Bonds	4%	Mar.	1953	2,000 00
City of Cambridge Bonds	4%	Mar.	1954	2,000 00
City of Cambridge Bonds	4%	Mar.	1955	2,000 00
City of Cambridge Bonds	4%	Mar.	1956	2,000 00
City of Cambridge Bonds	4%	Mar.	1957	2,000 00
Seattle, Wash., City Bonds	4½%	July	1934	10,000 00
Berlin, N. H., City Bonds	4½%	July	1934	5,000 00
Augusta, Maine, Water District Bonds..	4%	Aug.	1934	10,000 00
Waterbury, Conn., City Bonds	3½%	Jan.	1935	10,000 00
St. Paul, Minn., City Bonds	4½%	May	1935	25,000 00
St. Louis, Mo., City Bonds	4½%	April	1935	50,000 00
Berlin, N. H., City Bonds	4½%	July	1935	5,000 00
Maine Central Railroad Bonds	4½%	Dec.	1935	100,000 00
Fall River City Bonds	4%	Mar.	1936	15,000 00
Berlin, N. H., City Bonds	4½%	July	1936	5,000 00
Coos County, N. H.	4¼%	Sept.	1936	10,000 00
Berlin, N. H., City Bonds	4½%	July	1937	5,000 00
Coos County, N. H., County Bonds	4¼%	Sept.	1937	5,000 00
Detroit, Mich., City Bonds	4½%	Sept. 15,	1937	15,000 00
Newport, R. I., City Bonds	4¼%	Oct.	1937	5,000 00
Hartford, Conn., City Bonds	3½%	Jan.	1938	26,000 00
Berlin, N. H., City Bonds	4½%	July	1938	5,000 00
Newport, R. I., City Bonds	4¼%	Oct.	1938	5,000 00
Bristol, Conn., City Bonds	4½%	Jan.	1939	10,000 00
Hartford, Conn., City Bonds	4½%	Feb.	1939	13,000 00
Minneapolis, Minn., City Bonds	4%	July	1939	50,000 00
Berlin, N. H., City Bonds	4½%	July	1939	5,000 00
Toledo, Ohio, City Bonds	4%	Sept.	1939	15,000 00
Dayton, Ohio, City Bonds	4½%	Sept.	1939	8,000 00
New Hampshire State Bonds	4½%	Dec.	1939	50,000 00
New Jersey State Bonds	4¼%	Jan.	1940	50,000 00
Dayton, Ohio, City Bonds	4½%	Sept.	1940	8,000 00
Toledo, Ohio, City Bonds	4%	Sept.	1940	15,000 00
New Hampshire State Bonds	4½%	Dec.	1940	50,000 00
Illinois State Bonds	4%	Mar.	1941	10,000 00
Stamford, Conn., City Bonds	4½%	July	1941	10,000 00
Detroit, Mich., City Bonds	4½%	Dec. 15,	1941	50,000 00
<i>Amount carried forward</i>				\$1,517,900 00

<i>Amount brought forward</i>				\$1,517,900 00
Boston & Maine R. R. Bonds	5%	Mar.	1942	40,000 00
Portland, Me., Water District Bonds...	4%	May	1942	40,000 00
Jersey City, N. J., City Bonds	4 $\frac{3}{4}$ %	June	1942	5,000 00
St. Louis, Mo., City Bonds	4 $\frac{1}{4}$ %	Nov.	1942	25,000 00
Federal Land Bank Bonds	4 $\frac{1}{2}$ %	Jan.	1943	50,000 00
Illinois State Bonds	4%	Mar.	1943	40,000 00
Jersey City, N. J., City Bonds	4 $\frac{3}{4}$ %	June	1943	5,000 00
Nashua, N. H., City Bonds	4 $\frac{1}{4}$ %	July	1943	7,000 00
Jersey City, N. J., City Bonds	5%	Oct.	1943	50,000 00
Cleveland, Ohio, City Bonds	5%	Mar.	1944	15,000 00
Louisiana State Bonds	5%	Mar.	1944	50,000 00
Newark, N. J., City Bonds	4 $\frac{1}{2}$ %	Mar. 15,	1944	50,000 00
Nashua, N. H., City Bonds	4 $\frac{1}{4}$ %	July	1944	10,000 00
Portland, Maine, Water District Bonds.	4%	Aug.	1944	60,000 00
Providence, R. I., City Bonds	4%	Jan.	1945	100,000 00
Cleveland, Ohio, City Bonds	5%	Mar.	1945	15,000 00
Cleveland, Ohio, City Bonds	3 $\frac{3}{4}$ %	Oct.	1945	6,000 00
Omaha, Neb., City Bonds	4 $\frac{1}{2}$ %	Nov.	1945	50,000 00
Cleveland, Ohio, City Bonds	5%	Mar.	1946	20,000 00
Milwaukee, Wis., City Bonds	4 $\frac{1}{2}$ %	July	1946	25,000 00
Canton, Ohio, City Bonds	5 $\frac{1}{2}$ %	Dec.	1947	5,000 00
Missouri State Bonds	4 $\frac{1}{2}$ %	Oct.	1948	50,000 00
Canton, Ohio, City Bonds	5 $\frac{1}{2}$ %	Dec.	1949	5,000 00
United States Liberty Bonds	4 $\frac{1}{4}$ %	Oct. 15,	1938	220,000 00
United States Liberty Bonds	3 $\frac{1}{4}$ % 1 year balance	Oct. 15,	1945	80,000 00
Total				\$2,540,900 00

The following are the investments belonging to the Water Loan Fund:

Cambridge City Bonds	3½%	Nov.	1934	\$4,000 00
Cambridge City Bonds	4%	Feb.	1936	45,000 00
Cambridge City Bonds	4%	May	1936	18,000 00
Cambridge City Bonds	4%	July	1937	7,000 00
Cambridge City Bonds	3½%	Sept.	1937	3,000 00
Cambridge City Bonds	3½%	Aug.	1938	22,000 00
Cambridge City Bonds	3%	Feb.	1941	20,000 00
St. Louis, City Bonds	4½%	April	1935	10,000 00
St. Paul, Minn., City Bonds	4½%	May	1935	25,000 00
Commonwealth of Massachusetts	3½%	July	1935	10,000 00
Commonwealth of Massachusetts	3½%	July	1935	5,000 00
Newton, City Bonds	4%	Aug.	1935	2,000 00
Dayton, Ohio, City Bonds	4½%	Aug.	1935	19,000 00
Coos County, N. H.	4¼%	Sept.	1935	10,000 00
Toledo, Ohio, City Bonds	4¼%	Nov.	1935	25,000 00
Portland, Ore., City Bonds	4%	Jan. 2,	1936	5,000 00
Flint, Mich., City Bonds	4¼%	Jan. 15,	1936	15,000 00
Boston, City Bonds	3½%	April	1936	25,000 00
Rhode Island State Bonds	3%	April	1936	27,000 00
Detroit, Mich., City Bonds	4¼%	May 15,	1936	13,000 00
Newton, City Bonds	4%	May	1936	10,000 00
Jersey City, N. J., City Bonds	4.23	July	1936	25,000 00
Newton, City Bonds	4%	July	1936	11,000 00
Salem, City Bonds	3½%	Sept.	1936	5,000 00
Toledo, Ohio, City Bonds	4½%	Sept.	1936	10,000 00
Newport, R. I., City Bonds	4¼%	Oct.	1936	5,000 00
Dayton, Ohio, City Bonds	4½%	Oct.	1936	25,000 00
San Francisco, Cal., City Bonds	4½%	Nov.	1936	10,000 00
Grafton, Town Bonds	3½%	July	1937	1,000 00
Old Colony R. R. Co., Railroad Bonds.	4%	Jan.	1938	25,000 00
Grafton, Town Bonds	3½%	July	1938	2,000 00
Grafton, Town Bonds	3½%	July	1939	2,000 00
United States Liberty Bonds	4¼%	Oct. 15,	1938	25,000 00
Total				\$466,000 00

Municipal bonds to the amount of \$93,250 became due during the year ending December 30, 1933 and were paid off from this fund. The total amount of municipal debt to be paid from the sinking fund now outstanding is \$3,231,000. Deducting the present amount of the sinking funds at par value, \$2,658,047.53, leaves the net amount of municipal debt chargeable to this fund December 30, 1933, \$572,952.47. During the coming financial year municipal bonds to the amount of \$145,000 will become payable from this fund.

No water bonds became due during the year. The total amount of water debt now outstanding is \$397,500. The present amount of the sinking funds at par value, \$467,028.05, leaves a surplus in the fund December 30, 1933 of \$69,528.05. During the

coming year no bonds will become payable from this fund. All municipal debt issued since 1913, either for municipal purposes or for water works, must be in serial form, and this Board has no duties to perform in regard to debt now incurred for any purpose.

For convenience in keeping the accounts of the fund, the first Commissioners of both the municipal and water funds entered all bonds purchased at par value, regardless of the price paid for them, and entered all interest received at the gross amount, without any deduction for the proportions of premium paid, and this practice has been continued to the present time. This method of keeping the accounts has received the approval of the Director of Accounts of the Commonwealth of Massachusetts.

The Commissioners require collateral security for all bank deposits exceeding \$15,000. This collateral is held in a box in the safe deposit vaults, which can be opened only by the use of two keys, one of which is held by the Chairman of the Commissioners and the other by the bank.

For many years an annual payment was made to the municipal sinking fund by the city under the terms of an ordinance passed in 1879. During 1931 a calculation of the present condition of the fund was made by an actuary, which showed that no contribution from the city was needed at this time, nor should any further payment be necessary in the future, if the Commissioners can continue to invest the funds without loss at the rate of $3\frac{1}{2}$ per cent compounded semi-annually. As a result of this examination, no payment was made to the municipal sinking fund by the city during 1933. The city has made no contribution to the water fund since December 1, 1917.

ROBERT W. KNOWLES,
ARTHUR M. WRIGHT,
HENRY BARTLETT,
WILLIAM H. REARDON, JR.,
FORREST L. GOULD.

REPORT OF THE FIRE DEPARTMENT

For the Year Ending December 31, 1933

To His Honor the Mayor and the City Council:

In compliance with requirements of the City Ordinances I respectfully submit the annual report of the Fire Department of the City of Cambridge for the year beginning January 1, 1933 and ending December 31, 1933.

This report contains the cost of maintenance, membership, condition of apparatus, a record of fires and alarms of fire, and the cause thereof as near as could be ascertained, the value of property at risk, the insurance thereon, the loss or damages sustained, and such other information as may be of interest.

The Department answered 735 box alarms, and 484 still or telephone calls, a total of 1,219 alarms for the year. During the year one multiple alarm of fire was given.

FINANCIAL STATEMENT

Department appropriation for salaries.....	\$444,000 00
Department expended for salaries.....	443,005 84
<hr/>	
Unexpended balance from salaries.....	\$994 16
Department appropriation for general expenses....	\$15,869 49
Department expended for general expenses.....	15,359 07
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Unexpended balance from general expenses.....	\$510 42

The total value and the losses, together with the insurance and the insurance paid, were as follows:

	<i>Value</i>	<i>Loss</i>	<i>Insurance</i>	<i>Insurance Paid</i>
Buildings	\$4,604,789 00	\$116,938 63	\$2,672,868 20	\$111,179 13
Contents	301,950 00	30,128 10	245,137 00	24,753 10
<hr/>				
Total	\$4,906,739 00	\$147,066 73	\$2,918,005 20	\$135,932 23

We are pleased to report that the fire loss (insured and uninsured) is \$260,445.20 lower this year (1933) than it was for 1932.

ORGANIZATION

The manual force of the Department for the year ending December 31, 1933 consisted of 190 members as follows: one chief, two deputy chiefs, one master mechanic with the rank of captain, 14 captains, 14 lieutenants, three enginemen, two assistant enginemen, 153 privates, and one civilian mechanic.

There are nine motor pumping engines, eight combination hose and chemical wagons, four aerial ladder trucks, one rescue truck, one floodlight truck, and one repair division truck in active service.

During the year two privates were promoted to the grade of lieutenant, two pensioned, and one death.

PROMOTIONS

Private Charles F. O'Connor of Engine No. 5 promoted to lieutenant.

Private Henry E. Kilfoyle of Engine No. 6 promoted to lieutenant.

PENSIONS

Assistant Engineman Patrick J. Hayes, name on pension roll January 1, 1933.

Chief James M. Casey, name on pension roll December 31, 1933.

DEATHS

Lieutenant Charles J. McElroy, Engine No. 8, died December 21, 1933.

APPARATUS

The apparatus of the Department in active service consists of the following:

One triple combination motor pumping engine of one thousand gallon capacity per minute.

Four triple combination motor pumping engines of seven hundred and fifty gallon capacity per minute.

Four combination motor pumping engines of seven hundred and fifty gallon capacity per minute.

Eight motor combination hose and chemical carriers.

Three seventy-five foot aerial ladder trucks, motor driven.

One eighty-five foot aerial ladder truck, motor driven.

One rescue truck fully equipped for any emergency that may occur.

One floodlight truck fully equipped to supply any amount of light.

One repair and wrecking truck fully equipped.

One automobile for Chief of Department.

One automobile for Deputy Chiefs.

Rescue Truck No. 1 had a very bad accident which damaged it in a very serious manner.

APPARATUS IN RESERVE

One triple combination motor pumping engine of seven hundred and fifty gallon capacity per minute.

One motor combination hose and chemical carrier.

One city service ladder truck fully equipped, motor driven.

One horse-drawn ladder truck fully equipped.

One horse-drawn combination hose and chemical wagon.

The repair division of the Department, in charge of the master mechanic, makes all repairs to the apparatus; said repair shop is now located in Fire Headquarters Building, Inman Square.

HOSE

There is now in service and in reserve 18,900 feet of two and one-half-inch cotton, rubber-lined hose and 2,900 feet of three-quarter-inch rubber chemical hose, 100 feet of three-inch cotton, rubber-lined hose for tower pipe connections on Ladder No. 2 and Ladder No. 3.

INSPECTIONS AND FIRE PREVENTION

Inspections in relation to fire prevention are made by company officers twice a week in their respective districts, and good results are attained from these inspections. When conditions are found that require attention the owner or occupant is notified to improve these conditions, and to eliminate the danger from fire, for the benefit and safety of all concerned.

During the year 1933 we made 9,003 inspections, and the reports of same are kept on file in the office of the Chief of Department.

NEW APPARATUS

I respectfully recommend the purchase of a new eighty-five foot aerial ladder truck to replace Ladder No. 1, a new one thousand-gallon pumping engine to replace Engine No. 5 that was badly damaged in an accident responding to a general alarm fire in Somerville; and also a new chassis for the Rescue Truck or a complete new truck, to take the place of the Rescue Truck that was badly damaged in an accident.

RECOMMENDATIONS

This Department is in dire need of a suitable repair shop, one that will accommodate an eighty-five-foot aerial ladder truck in addition to the other apparatus that it becomes necessary to repair, to be equipped with a suitable traveling crane; this equipment and more room are both absolutely necessary.

The Lafayette Square house in which are located Engine Company 2 and Ladder Company 3, and the house of Engine Company 7, located on Lower Main Street, are poorly suited for Fire Department purposes; the houses are too large, have poorly arranged sleeping quarters, and the overhead is too much. If it should not be found advisable to replace these two houses, they should at least be remodeled to comply with the state regulations in regard to the housing of motor vehicles; also the house of Ladder Company 2 on Portland Street, and the house of Engine No. 4 at Massachusetts Avenue and Blake Street should be remodeled to comply with the state regulations in regard to the housing of motor vehicles.

The heating plant in the Taylor Square house of Engine Company 8 and Ladder Company 4 is totally inadequate to properly heat the house, the men located there actually suffer for want of heat on cold days, and the men on floor patrol are compelled to go into the smoking rooms where there is an open fireplace.

REMARKS

The house of Engine Company 9, located on Lexington Avenue, has been entirely renovated and put in first class condition, with a new heating plant which was sorely needed, shower baths, lockers and good roomy sleeping quarters, and this house is a credit to the city.

The new house at Broadway and Cambridge Street, which will soon be ready for occupancy will surpass any fire house which has been built. In this building will be located Fire Headquarters, Engine Company No. 1, Ladder Company No. 1, Rescue Company No. 1 and the floodlight car, in addition to the Chief's and Deputy Chiefs' cars.

It will then be possible to abandon the quarters where Ladder No. 1 and Engine No. 1 have been very poorly quartered for many years. For the last five years it has been necessary to house Engine No. 1 in the same house with Engine No. 6 on River Street, and this arrangement has left the Harvard Square District without the services of an engine company.

The Department Drill School opened June 19, 1933, and fifty-four sessions were held during the summer months at the new drill tower in the city yard on Portland Street; nine officers and one hundred and twenty-four privates attended the several sessions.

I would respectfully recommend that the sum of twelve hundred dollars be appropriated to fully equip the drill school as recommended in the report of January 1, 1933; and that the side wall of tower be carried three feet above the roof, terminating in a parapet wall eight inches wide; and that a three-inch standpipe be installed in the tower, equipped with a standard two and one-half inch Siamese connection at the bottom and a single two and one-half inch standard connection on each floor, one on roof and also one sprinkler head in smoke room.

CONCLUSION

To His Honor the Mayor for his courtesy and interest in all matters connected with the Fire Department, the members of the City Council for their kindness and consideration, to the officers and members of the Department, my especial thanks are due for their faithful attention to duty and their promptness in answering the numerous calls during the year; and to the Electrical, Police and Water Departments I extend my thanks for their coöperation and assistance rendered during the year.

Respectfully submitted,

CUTLER L. VOSE,
Chief of Fire Department.

FIRE DEPARTMENT ROSTER

Chief.....	James M. Casey
Deputy Chief.....	Cutler L. Vose
Deputy Chief.....	Albert R. Wait
Master Mechanic, rank of Captain.....	William J. Reilly
Assistant Master Mechanic, rank of Engineman.....	Hugh J. Powers
Chief's Clerk, rank of Private.....	Edward E. Gaughan
Chief's Aid, rank of Private.....	George A. Regan
Chief's Aid, rank of Private.....	George E. Blomquist
Mechanic, rank of Private.....	William F. Newman, Jr.
Civilian Mechanician.....	Joseph P. Flynn

ENGINE COMPANY No. 1
176 River Street

Captain.....	Daniel E. Shea
Lieutenant.....	Timothy F. McCarthy
Assistant Engineman.....	Hiram W. Hooker
Permanent Private.....	William T. Anderson
Permanent Private.....	John F. Coughlin
Permanent Private.....	Henry A. Cutting
Permanent Private.....	Leo A. Diehl
Permanent Private.....	Joseph B. Higgins
Permanent Private.....	Francis R. Jefferson
Permanent Private.....	Patrick J. Murphy
Permanent Private.....	John J. Stack
Permanent Private.....	Thomas F. Sweeney
Permanent Private.....	Manuel G. Travers

ENGINE COMPANY No. 2
378 Massachusetts Avenue

Captain.....	John H. Dardis
Lieutenant.....	Henry E. Kilfoyle
Permanent Private.....	Thomas H. Anderson
Permanent Private.....	Earland S. Cobb
Permanent Private.....	Horace Eagleson
Permanent Private.....	Arthur J. Foster
Permanent Private.....	Patrick J. Hayes
Permanent Private.....	Dennis McCarthy
Permanent Private.....	Thomas V. McGrath
Permanent Private.....	John J. Murphy 2d
Permanent Private.....	Daniel J. O'Connell
Permanent Private.....	William Quayle
Permanent Private.....	William A. Witham

ENGINE COMPANY No. 3
Third and Gore Streets

Captain.....	George L. Church
Lieutenant.....	Frank J. Murray
Assistant Engineman.....	James A. S. Drinkwater
Permanent Private.....	Francis H. Belcher
Permanent Private.....	William F. Bulger
Permanent Private.....	Francis W. Dilworth
Permanent Private.....	Henry E. Findley
Permanent Private.....	Daniel J. Holleran
Permanent Private.....	Edward J. Looney
Permanent Private.....	Daniel J. Manley
Permanent Private.....	James Stack
Permanent Private.....	John J. Stanton
Permanent Private.....	Francis J. Sweeney

ENGINE COMPANY No. 4
2029 Massachusetts Avenue

Captain.....	John Gibson
Lieutenant.....	Edward J. Griffin
Engineman.....	John T. Henderson
Permanent Private.....	Walter L. Allen
Permanent Private.....	James W. Breslin
Permanent Private.....	John J. Connolly
Permanent Private.....	Leo G. Cook
Permanent Private.....	William J. Coyne
Permanent Private.....	Edward L. Cuthbert
Permanent Private.....	Thomas A. Haley
Permanent Private.....	Thomas J. Lovett
Permanent Private.....	Arthur J. Tremblay

ENGINE COMPANY No. 5
Inman Square

Captain.....	Herman E. Gutheim
Lieutenant.....	John F. Collins
Permanent Private.....	Joseph Bedard
Permanent Private.....	John J. Callan
Permanent Private.....	Frank A. Casey
Permanent Private.....	James J. Corkery
Permanent Private.....	William J. Curry
Permanent Private.....	Jeremiah F. Hayes
Permanent Private.....	Luke F. Masterson
Permanent Private.....	Edward T. Murphy
Permanent Private.....	Edward J. Fitzgerald
Permanent Private.....	David J. Ryan
Permanent Private.....	Edward J. Shea
Permanent Private.....	Timothy F. White

ENGINE COMPANY No. 6
176 River Street

Captain.....	Frank McGrath
Lieutenant.....	James H. McCabe
Permanent Private.....	John E. Bagwell
Permanent Private.....	Joseph A. Brussard
Permanent Private.....	William F. Daisy
Permanent Private.....	John J. Dineen
Permanent Private.....	James E. Jefferson
Permanent Private.....	Thomas F. Mullin
Permanent Private.....	John J. Murphy 1st
Permanent Private.....	George H. Carrier

ENGINE COMPANY No. 7
Main Street, Corner Dock Street

Captain.....	Thomas F. O'Connell
Lieutenant.....	John J. Ford
Permanent Private.....	Joseph T. Ballantine
Permanent Private.....	James B. Burrell
Permanent Private.....	Edward J. Campbell
Permanent Private.....	Benjamin J. Cavanaugh
Permanent Private.....	Francis J. G. Hanley
Permanent Private.....	Carl J. Johnson
Permanent Private.....	Joseph E. McKenna
Engineman.....	Joseph S. Hayes

ENGINE COMPANY No. 8

Junction of Garden and Sherman Streets

Captain	Dennis R. Sullivan
Lieutenant	Charles J. McElroy
Permanent Private	Lawrence A. Bolduc
Permanent Private	William J. Doliber
Permanent Private	Francis V. Doyle
Permanent Private	John J. Flavin
Permanent Private	Robert F. Kelley
Permanent Private	Michael T. Munyon
Permanent Private	Maurice J. Murphy
Permanent Private	Aloysius O'Reilly
Permanent Private	John P. Wallace
Permanent Private	Thomas L. Wilkshire

ENGINE COMPANY No. 9

167 Lexington Avenue

Captain	Henry J. O'Brien
Lieutenant	Charles F. O'Connor
Permanent Private	Charles L. Carrier
Permanent Private	Edmund M. Burke
Permanent Private	Elzear D. Breton
Permanent Private	Charles H. Cooke
Permanent Private	Lawrence A. Corcoran
Permanent Private	Charles P. Cox
Permanent Private	George E. Lorigan
Permanent Private	Thomas J. Mahoney
Permanent Private	James H. Sullivan
Permanent Private	Jeremiah J. Sullivan

LADDER COMPANY No. 1

City Building, Brattle Square

Captain	Warren A. Dale
Lieutenant	Otis D. Powers
Permanent Private	Charles N. Anderson
Permanent Private	John J. Balfe
Permanent Private	Edward F. Caldwell
Permanent Private	George Cotter
Permanent Private	William Dias
Permanent Private	Andrew L. Gelinas
Permanent Private	Jeffry J. Landry
Permanent Private	Thomas W. Lane
Permanent Private	John J. Lavey
Permanent Private	Joseph C. Lehan
Permanent Private	David C. Murphy
Permanent Private	John H. O'Leary
Permanent Private	Daniel A. Walsh

LADDER COMPANY No. 2

Corner Thorndike and Portland Streets

Captain	John D. Shea
Lieutenant	George A. Ryan
Permanent Private	James J. Fitzgerald
Permanent Private	Lawrence H. Johnson
Permanent Private	Joseph King
Permanent Private	Daniel P. Moynihan

Permanent Private.....	James E. Mulrey
Permanent Private.....	Joseph T. Neves
Permanent Private.....	Michael Mullin
Permanent Private.....	Joseph Silveria
Permanent Private.....	Morris A. Skold
Permanent Private.....	Arthur W. Tisdale
Permanent Private.....	William J. White

LADDER COMPANY No. 3

394 Massachusetts Avenue

Captain.....	William C. Richardson
Lieutenant.....	Edward F. Kelley
Permanent Private.....	Louis C. Avery
Permanent Private.....	Emerill B. Beucler
Permanent Private.....	John A. Cardoso
Permanent Private.....	William J. Connell
Permanent Private.....	Louis H. Fabry
Permanent Private.....	Thomas M. Harrington
Permanent Private.....	Noel A. Landry
Permanent Private.....	Michael F. Maloney
Permanent Private.....	John P. McPherson
Permanent Private.....	Joseph A. Mills
Permanent Private.....	Joseph A. Mullen
Permanent Private.....	Eugene L. O'Keefe
Permanent Private.....	Edward F. Traynor
Permanent Private.....	Joseph H. Vargus
Permanent Private.....	Edward A. Malone

LADDER COMPANY No. 4

Junction of Garden and Sherman Streets

Captain.....	Joseph H. Caldwell
Lieutenant.....	William V. Jefferson
Permanent Private.....	James E. Crowley
Permanent Private.....	Joseph R. Flynn
Permanent Private.....	Matthew F. Gleason
Permanent Private.....	Warren A. Hardy
Permanent Private.....	Andrew P. Keenan
Permanent Private.....	Frank A. Lyshorn
Permanent Private.....	Michael J. Mahoney
Permanent Private.....	Joseph W. McCloskey
Permanent Private.....	Michael J. Murphy
Permanent Private.....	Thomas W. Murphy
Permanent Private.....	Thomas F. O'Connor
Permanent Private.....	Hugh P. Quinn

RESCUE COMPANY NO. 1

2029 Massachusetts Avenue

Captain.....	Arthur L. Marshall
Lieutenant.....	George H. Friel
Permanent Private.....	Ralph Barnes
Permanent Private.....	Edwin R. Bradshaw
Permanent Private.....	William F. Davidson
Permanent Private.....	John J. Drinan
Permanent Private.....	James H. Glennon
Permanent Private.....	Lawrence M. Tarbox
Permanent Private.....	Edward F. Tobin, Jr.
Permanent Private.....	Louis J. Woodbury

CAUSES OF FIRES AND ALARMS

Accidents	11
Aiding or assisting persons	22
Automobiles	115
Bonfires	27
Careless smoker or workman	6
Careless use of lighted candle	2
Careless use of lighted cigarette	68
Careless use of lighted match	45
Children playing with matches	24
Chimney fires (soot)	65
Clothing, etc., near hot stove or pipe	2
Curtains blowing against open flame	2
Defective A. D. T. system	7
Defective automatic system	2
Defective sprinkler system	31
Defective plumber's torch	1
Defective wiring in buildings	11
Defective chimneys	5
Dump fires	11
False alarms	264
Fat or meat on stove or in oven	19
Fireworks, firecrackers, etc.	15
Freight or electric cars	6
Fumes from inflammable liquids	19
Grass or brush	33
Hot ashes in box or barrel (wood)	15
Hot electrical appliances	8
Kerosene or gas stoves and lamps	1
Incendiary	9
Leaves in street or yard	4
Lightning	1
Needless or unnecessary	13
Oil burners	37
Old trees	8
Open or defective fireplaces	2
Overheated stove or smoke pipes	21
Responded outside city limits	48
Rubbish in street, building or yard	51
Rats and matches	5
Set by boys	37
Short circuit in motor or battery	18
Smoke, steam or sparks mistaken for fire	29
Smoky stove or chimney	5
Sparks from chimney on roofs, etc.	24
Sparks from locomotive	4
Sparks from stove or furnace	8
Smoking in bed	11
Spontaneous combustion	26
Static electricity	4
Tar kettles	3
Thawing frozen pipes	7
Unknown	7

 1,219 alarms

REPORT OF THE CHIEF OF POLICE

Cambridge, Mass., January 1, 1934.

To His Honor the Mayor and the City Council:

In compliance with the City Ordinance I have the honor to submit the annual report of the Police Department for the year ending December 31, 1933.

ORGANIZATION OF THE DEPARTMENT

1 Chief.....	\$4,500 00 per year
7 Captains.....	3,000 00 per year
8 Lieutenants.....	2,750 00 per year
20 Sergeants.....	2,550 00 per year
220 Patrolmen.....	2,190 00 per year
	1,782 50 first year
	1,982 50 second year
	2,190 00 third year
1 Policewoman.	2,190 00 per year
2 Matrons.....	21.50 per week

DEPARTMENT ROSTER

Name	Rank	Date of Appointment	
McBRIDE, JOHN J., Chief.....		April	27, 1887
BRENNAN, MICHAEL J., Captain.....		April	14, 1884
CANNEY, JOHN J., Captain.....		May	28, 1901
DONAHUE, JOSEPH J., Captain.....		April	26, 1904
LEAHY, TIMOTHY F., Captain.....		September	6, 1898
HURLEY, PATRICK J., Captain.....		October	20, 1886
GINTY, WILLIAM B., Captain.....		March	24, 1903
WELCH, EDWARD J., Captain.....		November	14, 1893
DOUGLAS, ROBERT J., Jr., Lieutenant.....		April	26, 1904
HEALEY, PATRICK J., Lieutenant.....		May	3, 1904
KELLEY, JOSEPH J., Lieutenant.....		April	3, 1906
SHANNON, JOSEPH H., Lieutenant		May	24, 1904
WYMAN, CHARLES E., Lieutenant.....		May	3, 1898
BATEMAN, WELLINGTON D., Sergeant.....		March	1, 1914
BRADLEY, CHARLES E., Sergeant.....		May	29, 1900
CURTIN, WILLIAM A., Sergeant.....		January	13, 1909
DONELAN, CHARLES P., Sergeant.....		June	10, 1919
KING, JOHN R., Sergeant.....		July	2, 1921
LANDRIGAN, JAMES R., Sergeant.....		June	20, 1911
LINEHAN, RICHARD J., Sergeant.....		October	24, 1917
MAHER, EDWARD J., Sergeant.....		April	1, 1915
MALLAHAN, CHARLES E., Sergeant.....		March	1, 1914
McCAFFERY, BERNARD J., Sergeant.....		June	30, 1891
McCARTHY, PATRICK J., Sergeant		April	1, 1915
McMAHON, MICHAEL, Sergeant.....		April	25, 1905
MAHONEY, GEORGE J., Sergeant.....		December	28, 1897

MULVANEY, SIMON J., Sergeant.....	February	23, 1892
O'DELL, WILLIAM L., Sergeant.....	June	10, 1908
READY, PATRICK J., Sergeant.....	January	1, 1916
STOKES, THOMAS J., Sergeant.....	August	1, 1913
ACKERLY, JOHN M., Patrolman.....	December	12, 1906
ANDERSON, WILLIAM, Patrolman.....	October	17, 1925
ALDERMAN, ROBERT F., Patrolman.....	May	22, 1930
ANDREW, FRANK, Patrolman.....	June	26, 1906
ARTHUR, SAMUEL, Patrolman.....	September	23, 1923
AYLWARD, HENRY J., Patrolman.....	January	9, 1928
BAGAN, JOHN H., Patrolman.....	October	11, 1910
BANATT, WILLIAM A., Patrolman.....	September	13, 1928
BARRETT, JOHN P., Patrolman.....	May	3, 1928
BOURGET, JOSEPH A., Patrolman.....	February	27, 1912
BRADY, CHARLES H., Patrolman.....	February	26, 1931
BREEN, JOSEPH P., Patrolman.....	November	16, 1919
BRENNAN, DANIEL J., Patrolman.....	January	8, 1931
BUCHANAN, GEORGE D., Patrolman.....	August	24, 1924
BURGESS, WALTER H., Patrolman.....	May	6, 1928
BURKE, THOMAS F., 1st, Patrolman.....	April	26, 1904
BURKE, THOMAS F., 2d, Patrolman.....	March	1, 1914
BURNS, ROBERT A., Patrolman.....	February	28, 1928
CAHALANE, JOHN, Patrolman.....	June	20, 1911
CALLAHAN, TIMOTHY J., Patrolman.....	October	24, 1917
CAMPBELL, EDWIN, Patrolman.....	December	16, 1930
CARROLL, THOMAS F., Patrolman.....	November	16, 1919
CASEY, AENEAS M., Patrolman.....	March	1, 1929
CHANT, JOSEPH T., Patrolman.....	November	23, 1926
CLEARY, MARK J., Patrolman.....	October	24, 1917
COFFEY, ARTHUR F., Patrolman.....	February	16, 1927
COLLINS, FREDERICK V., Patrolman.....	May	4, 1909
CONNARTON, FRANCIS J., Patrolman.....	December	25, 1928
COOPER, STEWART F., Patrolman.....	February	28, 1928
COSGROVE, JOHN F., Patrolman.....	December	25, 1917
COVELL, PAUL B., Patrolman.....	September	21, 1928
CREMENS, DENNIS J., Patrolman.....	March	1, 1929
CRONIN, MICHAEL F., Patrolman.....	November	23, 1926
CULHANE, ROBERT G., Patrolman.....	July	18, 1903
CUMMINGS, JOHN F., Patrolman.....	May	5, 1908
CUNNINGHAM, JOHN F., Patrolman.....	May	24, 1925
CUNNINGHAM, MARK E., Patrolman.....	January	5, 1927
CURRAN, MICHAEL J., Patrolman.....	May	5, 1908
CURTIN, PATRICK J., Patrolman.....	June	20, 1911
DALTON, GEORGE E., Patrolman.....	November	5, 1922
DIEHL, ANTON B., Patrolman.....	August	8, 1899
DONAHUE, JOHN J., Patrolman.....	May	3, 1924
DONOVAN, EDWARD F., Patrolman.....	April	1, 1915
DORAN, JOSEPH F., Patrolman.....	June	8, 1928
DOYLE, ARTHUR D., Patrolman.....	November	23, 1926
DRISCOLL, WILLIAM J., Patrolman.....	October	20, 1918
DUGGAN, FRANCIS L., Patrolman.....	February	28, 1928
DWYER, EDWARD, Patrolman.....	May	4, 1904
DYNAN, ANTHONY, Patrolman.....	June	20, 1911
DYNAN, LEO D., Patrolman.....	April	1, 1915
ELDRIDGE, BERNARD J., Patrolman.....	March	1, 1929
FABRY, FRANK J., Patrolman.....	May	5, 1908
FALVEY, JOHN H., Patrolman.....	January	28, 1914
FINNEGAN, JOHN D., Patrolman.....	November	5, 1922
FITZGERALD, JAMES D., Patrolman.....	January	4, 1930
FITZMAURICE, ARTHUR J., Patrolman.....	March	1, 1929

FLYNN, EDWARD P., Patrolman	October	24, 1929
FOLEY, JOHN J., Patrolman	November	5, 1922
GAFFNEY, JOHN A., Patrolman	February	28, 1928
GALLAGHER, JEREMIAH J., Patrolman	April	26, 1910
GALLAGHER, RICHARD P., Patrolman	March	1, 1929
GARDINER, FREDERICK D., Patrolman	December	29, 1925
GAUDET, JOHN J., Patrolman	December	25, 1928
GLENNON, EDWARD J., Patrolman	May	3, 1924
GORDON, EDWARD C., Patrolman	December	12, 1906
GORMAN, VINCENT J., Patrolman	July	21, 1929
GORMLEY, RAYMOND L., Patrolman	May	3, 1924
GORMLEY, WILLIAM G., Patrolman	June	10, 1919
GRADY, JEREMIAH J., Patrolman	August	5, 1925
GRAINGER, JOHN J., Patrolman	December	16, 1930
GRINHAM, JOHN J., Patrolman	February	26, 1931
GUTOSKI, FRANK H., Patrolman	July	26, 1904
GUTOSKI, FRANK H., Jr., Patrolman	February	26, 1931
HACKETT, MORTIMER M., Patrolman	November	28, 1893
HALLIDAY, HERBERT R., Patrolman	April	1, 1915
HALLISEY, WILLIAM F., Patrolman	January	9, 1928
HANLON, DANIEL L., Patrolman	October	29, 1924
HARNEY, THOMAS M., Patrolman	March	26, 1912
HARNEY, WILLIAM H., Patrolman	October	31, 1911
HEALY, MICHAEL J., Patrolman	January	31, 1917
HEALY, JEROME V., Patrolman	May	4, 1926
HENRY, FRANK S., Patrolman	May	4, 1909
HOGAN, MARTIN, Patrolman	March	1, 1914
HOLT, CHARLES S., Patrolman	May	22, 1930
HORAN, JOHN S., Patrolman	November	5, 1922
HUGHES, MICHAEL F., Patrolman	May	4, 1926
HUGHES, ROY G., Patrolman	May	4, 1926
JOYCE, MICHAEL J., Patrolman	January	5, 1927
KEANE, CLIFFORD L., Patrolman	July	15, 1921
KEENAN, PAUL J., Patrolman	January	8, 1931
KELLEY, EDWARD J., Patrolman	July	20, 1918
KELLEY, EDWIN L., Patrolman	March	29, 1918
KELLEY, GEORGE E., Patrolman	October	21, 1923
KELLEY, JOSEPH B., Patrolman	October	24, 1917
KELLEY, JOSEPH J., Patrolman	November	23, 1926
KEOUGH, JAMES R., Patrolman	July	16, 1911
KIEF, ARTHUR L., Patrolman	April	3, 1931
KILLION, JOHN J., Patrolman	December	25, 1928
KILLION, WILLIAM T., Patrolman	July	27, 1930
LEAHY, DENNIS F., Patrolman	February	24, 1894
LEARY, THOMAS, Patrolman	November	16, 1919
LEHAN, CORNELIUS J., Patrolman	June	27, 1926
LINDBERG, HORACE, Patrolman	May	4, 1926
LINEHAN, CHARLES H., Patrolman	November	5, 1922
LINEHAN, JOHN F., Patrolman	October	31, 1923
LYNCH, DAVID E., Patrolman	June	24, 1911
LYONS, PETER J., Patrolman	July	20, 1918
MAHER, WALTER L., Patrolman	April	6, 1925
MAHONEY, CHARLES C., Patrolman	August	26, 1930
MAHONEY, JEREMIAH F., Patrolman	June	10, 1919
MAINS, HARRY, Patrolman	October	31, 1923
MARCKINI, ALFRED E., Patrolman	April	3, 1931
MARTIN, CHARLES O., Patrolman	November	23, 1926
McAULEY, WILLIAM, Patrolman	July	27, 1930
McAULIFFE, THOMAS W., Patrolman	March	29, 1918

McCAFFREY, JOSEPH H., Patrolman.....	June	10, 1919
McCARTHY, DENNIS, Patrolman.....	April	1, 1915
McCULLOUGH, FRANK C., Patrolman.....	March	17, 1913
McCULLOUGH, JOSEPH, Patrolman.....	June	20, 1911
McDONNELL, WILLIAM A., Patrolman.....	November	23, 1926
McGILLIVARY, JOHN J., Patrolman.....	September	30, 1930
McINTOSH, CLARENCE, Patrolman.....	September	13, 1928
McLAUGHLIN, FRANCIS A., Patrolman.....	March	21, 1911
McLAUGHLIN, FRANCIS J., Patrolman.....	November	23, 1926
McLAUGHLIN, FRANCIS P., Patrolman.....	July	21, 1927
McMANUS, CHARLES F., Patrolman.....	October	17, 1925
McNAMARA, MATHEW J. F., Patrolman.....	July	20, 1918
MELLO, MANUEL G., Patrolman.....	October	2, 1908
MENTON, THOMAS J., Patrolman.....	November	5, 1922
MORRISON, CHARLES P., Patrolman.....	January	23, 1928
MORRISSEY, THOMAS J., Patrolman.....	March	1, 1914
MUELLER, WILLIAM A., Patrolman.....	September	30, 1930
MULLEN, WILLIAM T., Patrolman.....	December	12, 1911
MULQUEENEY, JOHN P., Patrolman.....	April	26, 1910
MULVIHILL, JOHN F., Patrolman.....	March	1, 1914
MURPHY, EDWARD J., Patrolman.....	December	20, 1918
MURPHY, EDWARD L., Patrolman.....	April	1, 1915
MURPHY, PATRICK J., Patrolman.....	July	20, 1918
MURPHY, PETER J., Patrolman.....	April	26, 1904
MURRAY, GEORGE F., Patrolman.....	May	3, 1924
MURRAY, WILLIAM L., Patrolman.....	June	6, 1923
NIXON, JAMES J., Patrolman.....	October	7, 1928
NIXON, WILLIAM J., Patrolman.....	November	16, 1919
NORMILE, MICHAEL C., Patrolman.....	March	26, 1912
OAKLAND, FREDERICK W., Patrolman.....	July	21, 1929
O'BRIEN, EUGENE J., Patrolman.....	May	7, 1927
O'BRIEN, DENNIS W., Patrolman.....	April	6, 1912
O'BRIEN, JOHN J., Patrolman.....	April	26, 1904
O'CONNOR, JAMES D., Patrolman.....	March	1, 1929
O'CONNOR, JOSEPH, Patrolman.....	December	31, 1922
O'LOUGHLIN, THOMAS F., Patrolman.....	June	1, 1914
O'NEIL, FRANKLIN M., Patrolman.....	July	20, 1918
O'NEIL, MARTIN, Patrolman.....	November	5, 1922
O'NEIL, THOMAS J., Patrolman.....	May	3, 1924
PATTEN, GEORGE A., Patrolman.....	April	26, 1904
PATTEN, LEONARD E., Patrolman.....	February	28, 1928
PATTEN, RAYMOND L., Patrolman.....	May	6, 1928
PAULINE, ANTHONY, Patrolman.....	September	23, 1923
POWERS, FRANCIS W., Patrolman.....	August	24, 1924
POWERS, JOHN H., Patrolman.....	July	7, 1927
PRIOR, JAMES A., Patrolman.....	October	29, 1924
PROUTY, JOHN H., Patrolman.....	August	24, 1924
QUIGLEY, CHARLES F., Patrolman.....	June	10, 1915
QUINN, JAMES F., Patrolman.....	December	3, 1922
READY, DANIEL J., Patrolman.....	May	6, 1928
REAGAN, JAMES F., Patrolman.....	April	26, 1910
REARDON, JEREMIAH F., Patrolman.....	July	20, 1918
RIENDEAU, JOSEPH L., Patrolman.....	March	1, 1914
RICE, JAMES F., Patrolman.....	October	31, 1923
ROBERTS, JOHN W., Patrolman.....	February	6, 1900
ROBERTSON, WILLIAM H., Patrolman.....	June	30, 1891
ROGAN, JOHN F., Patrolman.....	May	4, 1926
ROPER, GEORGE B., Patrolman.....	July	5, 1914
RUSSELL, JAMES D., Patrolman.....	April	26, 1910
RYAN, PHILIP J., Patrolman.....	June	24, 1928

SCANNELL, JAMES J., Patrolman.....	October	17, 1925
SCANNELL, WILLIAM P., Patrolman.....	April	3, 1931
SELFIDGE, GEORGE, Patrolman.....	March	2, 1931
SHANNON, THOMAS J., Patrolman.....	July	26, 1904
SHEA, JAMES J., Patrolman.....	March	1, 1929
SHEA, PATRICK F., Patrolman.....	August	24, 1924
SHEA, THOMAS, Patrolman.....	May	13, 1902
SHEEHAN, CORNELIUS, Patrolman.....	June	2, 1903
SHEEHAN, FRANCIS J., Patrolman.....	March	1, 1929
SHEEHAN, JOHN J., Patrolman.....	June	2, 1903
STONE, WILLIAM J., Patrolman.....	August	8, 1930
SULLIVAN, EUGENE, Patrolman.....	October	11, 1910
TANSEY, JOSEPH F., Patrolman.....	April	3, 1906
TEEHAN, JOHN F., Patrolman.....	March	1, 1929
TEMPLE, JOSEPH C., Patrolman.....	November	17, 1896
TEVLIN, JOHN J., Patrolman.....	April	26, 1910
TIERNEY, EDWARD F., Patrolman.....	April	30, 1928
TOOMEY, TIMOTHY J., Patrolman.....	October	24, 1917
TRANT, JOHN J., Patrolman.....	July	2, 1921
TRODDEN, ANDREW T., Patrolman.....	August	26, 1930
TURCOTTE, AMOS, Patrolman.....	March	26, 1912
WAIT, ALBERT J., Patrolman.....	November	16, 1919
WALLACE, JAMES H., Patrolman.....	October	17, 1925
WALSH, DAVID H., Patrolman.....	October	27, 1896
WALSH, DAVID L., Patrolman.....	April	8, 1899
WALSH, JOHN, Patrolman.....	December	12, 1906
WARD, WILLIAM F., Patrolman.....	January	23, 1908
WARNOCK, RUSSELL C., Patrolman.....	July	25, 1927
WHITE, JOHN M., Patrolman.....	April	6, 1925
TAYLOR, J. EDITH, Policewoman.....	March	5, 1921
BARROW, MARY A., Matron.....	May	4, 1919
O'HEARN, MARY, Matron.....	November	18, 1922

PENSIONERS

Patrolman William Flynn was appointed February 27, 1912, and was pensioned July 27, 1933.

Patrolman John Kelleher was appointed December 28, 1897, and was pensioned January 19, 1934.

Patrolman Richard A. Kelley was appointed November 5, 1922, and was pensioned February 2, 1934. (World War Veteran.)

In Memoriam

Sergeant TIMOTHY S. FALVEY

Appointed April 1, 1915

Died September 2, 1933

The following revenue was received:

Revolver permits.....	\$338 00
Telegrams and telephones.....	35 01
Miscellaneous.....	11 00
	<hr/>
	\$384 01

MISCELLANEOUS

Accidents.....	1,392	Defective streets and sidewalks..	1,047
Bicycles found or recovered.....	37	Disturbances suppressed.....	175
Buildings found opened.....	701	Dogs killed.....	51
Cases investigated.....	24,874	Fire alarms given.....	593
Dangerous buildings.....	25	Fires extinguished without alarms	47
Dangerous chimneys.....	2	Intoxicated persons helped home.	17
Dead bodies found.....	45	Lost children restored.....	346
Defective catch basins.....	77	Sick and injured persons assisted.	758
Defective bridges.....	2	Stray teams put up.....	2
Defective fire alarms and clocks..	361	Street obstructions removed.....	30
Defective water pipes.....	135	Persons reported missing.....	222
Defective hydrants.....	23	Persons restored.....	178
Defective lamps.....	4,034	Automobiles stolen outside of city	
Defective wires.....	39	recovered.....	149
Defective street signs.....	60	Stolen automobiles recovered....	397

NATIVITY OF PERSONS ARRESTED

Algiers.....	1	Nova Scotia.....	7
Armenia.....	16	Norway.....	1
Australia.....	4	Poland.....	146
Bermuda.....	8	Portugal.....	80
Brazil.....	2	Prince Edward Island.....	4
Canada.....	264	Russia.....	93
China.....	2	Scotland.....	38
Denmark.....	2	Spain.....	1
England.....	35	Syria.....	1
France.....	4	Sweden.....	30
Germany.....	12	Switzerland.....	2
Greece.....	21	Turkey.....	3
Holland.....	1	United States.....	4,497
Ireland.....	375	Wales.....	4
Italy.....	152	West Indies.....	22
Japan.....	5	Chile.....	2
Lithuania.....	67	Rumania.....	2

OCCUPATIONS OF PERSONS ARRESTED

Actor.....	8	Butcher.....	19	Chemist.....	1
Agent.....	50	Butler.....	2	Clerk.....	199
Artist.....	2	Buyer.....	1	Conductor.....	2
Attorney.....	7	Cabinet maker.....	1	Contractor.....	11
Baker.....	46	Candy maker.....	6	Cook.....	32
Banker.....	1	Caretaker.....	4	Cooper.....	6
Barber.....	26	Carpenter.....	91	Core maker.....	4
Blacksmith.....	17	Cashier.....	2	Decorator.....	6
Bookkeeper.....	2	Chauffeur.....	401	Domestic.....	23
Bricklayer.....	23	Checker.....	5	Electrician.....	29
Broker.....	11	Chef.....	17	Engineer.....	23

OCCUPATION OF PERSONS ARRESTED (*Continued*)

Engraver.....	1	Manager.....	38	Reporter.....	4
Expressman.....	8	Manufacturer.....	2	Roofer.....	32
Farmer.....	11	Mason's tender....	14	Rubber worker....	70
Fireman.....	13	Mechanic.....	103	Sailor.....	17
Florist.....	4	Merchant.....	37	Salesman.....	284
Foreman.....	10	Metal worker.....	8	Schoolboy.....	114
Gardener.....	40	Milk dealer.....	2	Schoolgirl.....	16
Guide.....	2	Milk hand.....	1	Seamstress.....	1
Helper.....	9	Motorman.....	2	Shipper.....	38
Hotel keeper.....	8	Moulder.....	4	Shoemaker.....	108
Housekeeper.....	115	Musician.....	17	Soldier.....	4
Housewife.....	102	None.....	662	Steamfitter.....	40
Iceman.....	11	Nurse.....	5	Stenographer.....	6
Inspector.....	2	Operator.....	18	Storekeeper.....	56
Investigator.....	10	Painter.....	169	Student.....	337
Iron worker.....	30	Patternmaker.....	2	Tailor.....	11
Janitor.....	26	Peddler.....	13	Teacher.....	8
Jeweler.....	1	Photographer.....	2	Teamster.....	21
Junk dealer.....	4	Physician.....	7	Tinsmith.....	7
Laborer.....	1,845	Plasterer.....	17	Undertaker.....	1
Laundress.....	1	Plumber.....	24	Upholsterer.....	12
Laundryman.....	3	Police officer.....	1	Waiter.....	6
Lumberman.....	7	Polisher.....	6	Waitress.....	15
Machinist.....	95	Printer.....	70	Watchman.....	2
Maid.....	2	Real estate man ..	2	Welder.....	2
Mail carrier.....	1				

NATURE OF OFFENCE

Offences Against the Person

Assault, dangerous weapon.....	23	Murder.....	1
Assault and battery.....	295	Murder, attempt.....	1
Assault, indecent.....	4	Parent law, violation of.....	4
Assault on officer.....	8	Rape.....	3
Child, abandoning.....	4	Rape, attempt.....	3
Child, female, abuse of.....	2	Robbery.....	4
Children, minor, neglecting.....	47	Robbery, armed.....	6
Family, neglecting.....	4	Robbery, unarmed.....	17
Family, refusing to support.....	342	Threat, intimidation.....	20
Manslaughter.....	11		

Offences Against Property With Violence

Breaking and entering, night....	54	Breaking and entering building..	16
Breaking and entering, attempt..	10	Breaking and entering, attempt..	6
Breaking and entering, day.....	8	Breaking and entering railroad car	1
Breaking and entering, attempt..	6		

Offences Against Property Without Violence

Arson, accessory before.....	1	Larceny, of automobile, attempt.	1
Automobile, using without auth...	34	Leased property, concealing.....	3
Burglar's tools, possession.....	1	Malicious mischief.....	51
Conspiring to defraud.....	7	Mortgaged property, selling.....	3
Larceny (\$50 and over in value)..	54	Stolen goods, receiving.....	19
Larceny (under \$50 in value)....	159	Trespass.....	70
Larceny from the person.....	2	Wilful damage and trespass.....	3
Larceny of automobile.....	64		

Offences Against the Currency

Counterfeit money, passing	8	Worthless check, passing	2
Forgery and uttering	5		

Offences Against the License Laws

Alien firearm law, violation of	2	Peddling without a license	24
Dog law, violation of	9	Pistol or revolver carrying no	
Liquor, unlawful sale of	14	license	6
Liquor, keeping and exposing	119	Selling air-rifle to minor	1

Offences Against Chastity, Morality, Etc.

Adultery	3	Lewd and lascivious cohabitation .	21
Bastardy	87	Obscene books and prints	3
Disturbing the peace	194	Polygamy	1
Drunkenness	2,994	Public meetings, disturbing	2
Female, annoying	4	Religious worship, disturbing	1
Fornication	13	Sodomy	5
Idle and disorderly persons	21	Vagabond	4
Ill-fame, keeping house of	13	Vagrants, tramps, etc.	15
Indecent exposure of the person .	4		

Offences Not Included in the Foregoing

Children, delinquent	2	Lottery laws, violation of	29
Children neglected	13	Motor vehicle laws	649
Children stubborn	37	Narcotic drug law	7
City ordinances, violation of	55	Parole, violation of	3
Concealed weapons, carrying	3	Prisoner, escaped	8
Contempt of court	1	Prisoner, rescue	2
Default warrant	2	Probation, violation of	67
Election law, violation of	1	Railroad law, violation of	1
Fire alarm, giving false	6	Refusing to pay fare	2
Fish and game law, violation	2	Runaways	16
Fugitive from justice	7	Street railway transfer, misuse of	2
Gaming and being present at	25	Suspicious persons	33
Gaming on the Lord's day	2	United States Prohibition Act . . .	1
Labor law, violation of	9	Wages, non-payment of	1

Offences against the person	799	Offences against morality, etc. . . .	3,388
Offences against property	556	Offences not included in the fore-	
Offences against the currency	15	going	984
Offences against license laws	175	Total	5,917

Insane persons taken in charge	40	Summons served for other depart-	
Search warrants issued, liquor	178	ments	1,140
Search warrants issued for drugs	20	Value of property stolen . . . \$256,512	67
Search warrants issued, others	11	Value of property recovered .	172,848 00
Arrests by summons	1,010	Value of property recovered	
Arrests by warrant	919	for other police departments	64,641 00

SALARIES AND GENERAL EXPENSES

For the Year Ending December 31, 1933

A-1	Salaries.....	\$540,692 23
B-1	Printing and binding.....	22 00
B-2	Postage.....	148 00
B-3	Advertising and printing.....	11 43
B-4	Transportation.....	25 05
B-8	Light and power.....	1,004 39
B-10	Storage.....	318 00
B-13	Communication.....	3,032 59
B-14	Motor vehicle repairs and care.....	1,761 49
B-29	Stenographic, copying, indexing.....	15 00
B-35	Fees, service of venire.....	2 00
B-39	Service, not otherwise coded.....	254 24
C-13	Tools and instruments.....	199 39
C-16	Wearing apparel.....	3,457 50
C-18	Regalia.....	116 97
D-1	Office supplies.....	1,514 75
D-2	Food and ice.....	88 22
D-8	Laundry, etc.....	126 85
D-11	Motor vehicle supplies.....	6,030 27
D-16	Supplies not otherwise coded.....	267 35

AMBULANCE, WAGON, TELEPHONE AND SYSTEM DUTY CALLS

Months	Wagon Calls	Miles Run	Ambu- lance Runs	Miles Run	Tele- phone Calls	System Duty Calls
January.....	252	951-761	61	288-088	67,651	34,204
February.....	246	713-332	44	189-704	5,870	33,220
March.....	298	758-786	56	174-810	7,022	36,368
April.....	360	958-625	56	262-915	6,376	33,552
May.....	359	825-887	74	313-258	7,099	35,787
June.....	347	981-025	78	321-122	6,699	34,598
July.....	371	934-990	108	236-444	6,541	32,863
August.....	314	836-707	69	295-788	4,269	31,274
September.....	267	1051-401	98	349-324	6,959	29,615
October.....	266	1001-983	72	233-320	9,747	33,360
November.....	374	1035-282	76	320-209	7,099	33,842
December.....	376	1136-335	86	379-720	6,966	33,549
Total.....	3,830	1118-6114	878	3284-702	81,412	412,232

REPORT OF THE VICE SQUAD

From January 1, 1933 to December 31, 1933

Raids	190
Mixed liquors seized, gallons	384
Beer	235
Total number of gallons	619
Arrests made	185
Adultery	2
Assault with intent to commit rape	1
Automobile violations	2
Breaking and entering	3
Conspiracy to extort money	2
Default warrants	15
Disorderly houses	1
Disturbing the peace	1
Drunkenness	1
Gaming machine in possession	1
Idle and disorderly	10
Firearms, carrying without a license	1
Keeping and exposing intoxicating liquor for sale	94
Lewd and lascivious conduct	4
Liquor nuisance	1
Obscene pictures	2
Possession of lottery tickets	2
Printing lottery tickets	2
Present where lottery tickets were found	3
Promoting lottery	18
Peddling without a license	7
Conspiracy to promote lottery	5
Illegal sale of intoxicating liquor	6
Violation of probation	4

DISTRICT COURT

Fines paid	\$1,665 00
Cases pending on probation, etc	50
Cases filed	23
Sentences served	1 year and 3 months

SUPERIOR COURT

Fines paid	\$250 00
Cases pending	7
Sentences served	4 years and 3 months
Probation for two years	1

In concluding this annual report may I take this opportunity to thank the Chief of Police, judges, district attorney and his assistants, clerk of the district court and his assistants, for the splendid coöperation given to me and the members of the Vice Squad during the past year.

Respectfully submitted,

JOSEPH P. BREEN,
Officer in Charge.

REPORT OF POLICEWOMAN

From January 1, 1933 to December 31, 1933

Cases investigated on account of complaints to police	84
Cases investigated on account of complaints to policewoman	280
Calls at homes in interest of women or children	189
Calls at homes for follow-up work	268
Visits to dance halls	106
Visits to theatres	27
Visits to shops	195
Number of times assisted City Physician	12
Number of hospital cases	9
Number of psychopathic cases	3
Number of clinic cases	18
Abused or neglected children investigated and cared for	121
Parents neglecting children	58
Cases referred to other agencies	16
Larceny cases	29
Shoplifters warned (adult)	32
Shoplifters warned (children)	16
Wives reporting trouble with husbands	23
Husbands reporting trouble with wives	19
Questionable persons investigated	198
Questionable persons warned regarding habits or behavior	147
Questionable houses investigated	14
Girls on streets warned regarding general behavior	122
Girls on street warned regarding soliciting auto rides	173
Men in autos warned regarding soliciting or accosting women	88
Children on streets warned regarding curfew law	28
Boys warned regarding begging outside theatres	19
Boys warned regarding selling papers without license	22
Girls warned regarding selling papers without license	2
Girls warned regarding age limit in dance halls	9
Missing persons reported	42
Missing persons found	36
Indecent assault cases	13
Attempted rape cases	3
Rape cases	5
Illegitimacy cases	27
Arrests	28

Respectfully submitted,

J. EDITH TAYLOR,
Policewoman.

ANNUAL REPORT OF THE MATRONS
January 1, 1933 to December 31, 1933

Arrests, women.....	201
Arrests, juvenile.....	18
Total arrests.....	219

CLASSIFICATION OF ARRESTS

WOMEN

Drunkenness.....	227	Neglect of minor children.....	4
Idle and disorderly.....	11	Larceny.....	2
Disturbing the peace.....	11	Adultery.....	1
Lewd and lascivious.....	4	Runaway.....	2
Disorderly house.....	4	Violation of probation.....	2
Assault and battery.....	6	Murder.....	1
Stubborn child.....	4	Obstructing the street.....	1
Suspicious person.....	6	Safe keeping.....	3
Keeping and exposing liquor.....	4	Escape prisoner.....	2
Fornication.....	3	Robbery.....	1
False alarm of fire.....	1	Operating under the influence of liquor.....	1

JUVENILES

Arson.....	1	Safe keeping.....	1
Evading fare.....	2	Runaway.....	4
Stubborn child.....	1	Present at unlawful game.....	1
Larceny.....	7	Breaking and entering.....	1

Respectfully submitted,

MARY A. BARROWS,
MARY A. O'HEARN,
Matrons.

REPORT OF JOHN M. ACKERLY

Cambridge, Mass., January 1, 1934.

John J. McBride
Chief of Police

Dear Sir: I submit herewith my annual report of the work performed in the Division of Domestic Relations for the year ending December 31, 1934. The total number of arrests made during the year was 504.

The following table shows the crime classification of arrests:

Non-support.....	262	Stubbornness.....	10
Violation of probation.....	117	Neglect of children.....	6
Bastardy.....	48	Abandonment.....	1
Assault and battery.....	33	Larceny.....	2
Drunkenness.....	5	Threatening.....	2
Failure to perform contract.....	2	Rape.....	2
Neglected children.....	13	Trespassing.....	1
Total.....			480

Of the number of persons arrested during the year, 260 are on probation. Included in the total number of arrests are 26 cases handled for other cities and towns, and two cases handled for other states.

To bring back offenders, we have made 18 trips outside the state, as follows:

New York City	5	New Haven, Conn.	1
Pawtucket, R. I.	2	Plymouth, N. H.	1
Providence, R. I.	3	Archibald, Pa.	1
Albany, N. Y.	1	Philadelphia, Pa.	1
Utica, N. Y.	1	Portland, Maine.	1

One hundred and twenty trips were made to cities and towns outside Cambridge. Included in the total number of cases handled by this division are 70 cases known to the Board of Public Welfare.

The probation officers of the Superior and District Courts paid to the city on account of non-support cases \$2,211. Two hundred and twenty-five cases have been investigated in which the domestic difficulties were satisfactorily adjusted without bringing the cases into court.

Living outside the state are forty men who, through the efforts of this division, are voluntarily contributing to the support of their dependents living here.

The courts, including judges, clerks, and probation officers, have coöperated to the fullest extent, and I wish to express my appreciation of their helpfulness. I also wish to express my appreciation of the material help which I have received from other members of the police department.

Respectfully submitted,

JOHN M. ACKERLY,
In Charge of Domestic Relations.

TRAFFIC AND OTHER ACCIDENTS

	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total		
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	
Automobiles	3	73	1	70	1	102		80	1	118	1	94	2	2	122	1	107	3	111		128	3	161	2	101	18	1,267
Bicycles		1		1		1							2		2		1					2				4	
Horse vehicles						1							1			1										7	
Motorcycles						1				1		2			1	1										3	
Street cars		1											1													5	
Steam railroad																										1	
Crossings																							1				
Other causes		31		32	6	38	1	23	1	38	5	49	1	41	2	58	4	39	37	4	28	1	37	25	451		
Total killed	3	106	1	103	7	142	1	103	2	157	6	147	3	167	3	167	7	150	166	7	191	3	139	43		1,738	

RECAPITULATION

Total killed 43
Total injured 1,738

REPORT OF SCHOOL OFFICER, 1933

John J. McBride
Chief of Police

Dear Sir: I herewith submit my annual report for the year 1933. I am very happy to make known the official statistics compiled by the State Registry of Motor Vehicles with regard to fatal and non-fatal accidents to the children and adults in the streets of Cambridge for the year 1933. In 1933 there were three fatalities to children as against five in 1932, a decrease of two. In 1933 there were 456 non-fatal accidents to children as against 482 in the year 1932, showing a decrease of 26. In addition to the above I wish to report the following coincident with my safety work.

Schools visited	27
Children instructed (public)	16,181
Schools visited (parochial)	10
Children instructed (parochial)	7,040
Personal talks at homes in the interest of children disobeying the Safety Rules. (This includes such violation as roller skating, playing ball in the streets and hopping on electric cars and motor vehicles)	286
Boys personally warned about stealing rides on electric cars and motor vehicles	74
Children found on streets playing truant and brought back to school	16
Children found on the streets playing truant not living in Cambridge, returned to homes	6
Lost children found and brought to station house	4
Boys caught stealing articles from various stores, brought home, parents notified	4
Children warned about being out after 9.30 p.m.	98
Boys found out in the early hours of the morning with milk men	6
Visits to theatres	64
Children warned about soliciting pennies outside of various theatres	26
Stolen bicycles recovered	2

I wish to thank you for your helpful suggestions and kindnesses during the past year.
Respectfully submitted,

PATRICK F. SHEA,
School Officer.

ANNUAL REPORT OF THE INSPECTOR'S DEPARTMENT

For the Year Ending December 31, 1933

INSPECTOR OF CLAIMS

Accident cases investigated	99
Claims against the city investigated	91
Corporation charters investigated	44
Police applicants investigated	none
Jurors investigated	72
Sign permits investigated	38
Special investigations	10
Pictures and measurements of fatal accidents	12
Pictures and measurements of city accidents	36
Homicide cases investigated	6
Inquests attended	5
Autopsies attended	3

BUREAU OF IDENTIFICATION

Investigations	180
Arrests	29
Taxi applicants fingerprinted	64
Fingerprints taken of persons under arrest	118
Copies of fingerprints sent to Boston	114
Copies of fingerprints sent to State Bureau	118
Copies of fingerprints sent to Department of Justice	118
Photographs of persons arrested	118

INSPECTOR OF PAWNSHOPS

Investigations	120
Visits to pawnshops	1,060
Arrests	14
Property recovered	\$9,460

AUTOMOBILE BUREAU

Automobiles stolen in Cambridge	711
Automobiles recovered stolen in Cambridge	701
Automobiles recovered stolen in other cities	215
Property recovered	\$26,000
Investigations	1,500
Arrests	51
Notices of sale listed, indexed and filed	8,000
Automobile theft records indexed and filed	Daily
Arrests records carded and filed	Daily

RECAPITULATION

Investigations	2,021
Arrests	277
Properties and monies recovered	\$54,560

This Bureau which is the central detective agency of the Department is operating on a larger scale because of a considerable increase in crime. The activities of this unit cover such a wide field that the above statement of the work of some of its subdivisions may be of interest.

We have arrested two notorious criminals for the murder of Adolph Sommers on October 20, 1933; for this work the officers were highly commended by His Honor Mayor Richard M. Russell, and John J. McBride, Chief of Police.

The arrests of three men for attempt to murder on January 18, 1933. The arrests of three criminals for breaking and entering the store of Joseph August, 1320 Massachusetts Avenue, and the recovery of six thousand dollars worth of stolen property.

The arrests of four men for armed robbery March 8, 1933. The apprehension of two notorious criminals for robbery of pay roll of thirteen thousand dollars at A. R. Hyde and Sons Company, March 4, 1933. The arrests of five desperate criminals for breaking and entering and carrying away the safe at Cambridge Gas and Electric Light Company, April 19, 1933.

Complaints are received from many sources, referred to this Department from the Courts and the District Attorney, in addition to cases reported direct to the Police Department.

Respectfully submitted,

JOHN J. CANNEY,
Chief Inspector.

RECOMMENDATIONS

My plan in coping with present day crime and criminals is more police officers. I believe in prevention first and foremost. The policeman should be given every public support that his morale may be one hundred per cent. He should be armed with modern weapons and have at his disposal the fastest automobiles.

Now that the new Central Police Station is completed I would recommend the following equipment be installed: Three patrol wagons, one ambulance, eight prowler cars, four sub-machine guns, ten rifles, interchange of our thirty-two calibre revolvers to thirty-eight calibre revolvers and the two way radio system. I request that fifteen new officers be appointed to this Department.

I want to take this opportunity to thank His Honor the Mayor, members of the City Council, the District Attorney and his staff, Judge Stone and his associates, the clerks, probation officers, and their assistants, of the Third District Court for the kind coöperation throughout the year.

Respectfully submitted,

JOHN J. McBRIDE,
Chief of Police.

ANNUAL REPORT OF THE SEALER OF WEIGHTS AND MEASURES

For the Year Ending December 31, 1933

Cambridge, Mass., March 23, 1934.

To the Honorable City Council:

In compliance with the City Ordinance, I respectfully submit a report of the Department of Weights and Measures for the year ending December 31, 1933.

Appropriation \$10,575 00

Expended

Salaries:

Felix C. McBride, Sealer	\$3,300 00
Joseph O'Neil, First Deputy Sealer	2,500 00
James J. Lynch, Deputy Sealer	2,140 00
Edward W. Barker, Deputy Sealer	2,140 00
	<hr/> \$10,080 00

Equipment:

John F. Fitz, supplies	\$18 00
Street Department	113 19
Harvard Automobile, supplies	34 94
Stingel Hardware, supplies	26 21
New England Telephone Co.	36 45
McCartney, refund	18 45
Felix C. McBride, stamps	6 00
Registration two cars	4 00
Boston Steel Stamp Works	48 45
Boston Elevated Ry., tickets	5 00
McSorley Bros., repairs	7 65
Hobbs & Warren, supplies	52 89
Wheeler & Messenze, refund	4 85
C. E. Fay, refund	2 87
Cambridge Gas Light, refund	55
E. A. Erickson, refund	31 85
Shea Bros., books	30 00
Cambridge Recorder, advertising	2 00
Firestone Service Station, refund	25 05
	<hr/> \$10,548 40

Total expenditures	\$10,548 40
Amount unexpended	26 60

Revenue:

Fees for sealing	\$2,366 18
Fees for adjusting	87 80
	<hr/>
Total amount collected	\$2,453 98
Total amount expended	\$10,548 40
Total amount collected	2,453 98
	<hr/>
Net expenses of department	\$8,094 42

TESTS MADE FOR YEAR ENDING DECEMBER 31, 1933

Scales sealed	3,462	
Scales adjusted	389	
Scales condemned	146	
	<hr/>	3,997
Weights sealed	7,240	
Weights adjusted	461	
Weights condemned	79	
	<hr/>	7,770
Dry measures sealed	20	
Dry measures condemned	6	
Liquid measures sealed	1,577	
Liquid measures adjusted	37	
Liquid measures condemned	93	
	<hr/>	1,733
Ice cream measures tested	3,242	
Milk jars tested	1,280	
	<hr/>	4,522
Vehicle tank compartments sealed	430	
Vehicle tanks condemned	28	
	<hr/>	458
Oil pumps sealed	527	
Oil pumps adjusted	39	
Oil pumps condemned	4	
	<hr/>	570
Gasoline pumps sealed	446	
Gasoline pumps adjusted	61	
Gasoline pumps condemned	14	
	<hr/>	521
Yard measures sealed	310	
Yard measures condemned	4	
Cloth measures sealed	22	
	<hr/>	336
Platform scales sealed, capacity 5,000 lbs.	101	
Platform scales sealed, less than 5,000 lbs.	1,952	
Counter scales sealed	2,428	
Spring scales sealed	1,743	
Personal weighing scales sealed	89	
	<hr/>	6,313
25-lb. bags of coal tested	5,743	
Tests made in stores	4,542	
Tests made on street	3,120	
Berry boxes, tested	2,482	
	<hr/>	15,887
Total number of tests made		42,117

STANDARDS FURNISHED BY THE COMMONWEALTH

- 1 balance 5 grains to 100 pounds.
- 1 set (5) avoirdupois weights 50 pounds, 25 pounds, 10 pounds, 5 pounds.
- 1 set (11) avoirdupois weights, 4 pounds to 1/16 ounce.
- 1 kilogramme in case.
- 1 steel meter in case.
- 1 brass yard measure.
- 1 set (5) iron dry measures, 1/2 bushel to 1 quart.
- 1 set (6) iron liquid measures, 1 gallon to 1 gill.

CITY OF CAMBRIDGE PROPERTY

1 roll top desk.	
1 black walnut desk.	
5 chairs.	
1 table.	
1 scale cabinet.	
2 benches.	
1 sink.	
1 set revised laws.	
1 set card records, oak case.	
1 set card index, oak case.	
1 hectograph.	
1 letter press.	
Miscellaneous books.....	\$200.00
1 plush robe.....	6.00
1 platform scale, $\frac{1}{2}$ pound to 2,500 pounds.....	75.00
1 balance scale.....	88.69
1 folding platform scale, $\frac{1}{2}$ pound to 600 pounds.....	30.00
1 balance, 1/10 millegram to 500 grammes.....	35.00
1 balance, 1/50 grain to $\frac{1}{2}$ pound.....	15.00
1 sealer's balance, 1 grain to 100 pounds.....	150.00
2 leather tool bags.....	9.50
1 sealer's balance, 1 grain to 8 pounds.....	50.00
1 sealer's trip scales.....	5.00
2 spring scale, 1 pound to 125 pounds.....	1.00
2 sets (19) avoirdupois weights, 4 pounds to $\frac{1}{8}$ ounce.....	10.00
1 set (9) troy weights, 16 ounces to 1 ounce.....	3.00
1 set (13) metric weights, 1 kilo to 1 gramme.....	5.00
5 boxes miscellaneous weights (not standards).....	10.00
1 set (3) iron weights, 25 pounds, 10 pounds, 5 pounds.....	5.00
40-50 pound weights.....	100.00
1 arch.....	2.00
3 glass graduates.....	1.00
1 set (21) grain weights, 1,000 grammes to 1/1,000 gramme.....	13.50
1 set (21) metric weights, 50 grammes to 1/10 gramme.....	13.50
1 set (5) copper dry measures, $\frac{1}{2}$ bushel to 1 quart.....	45.00
1 set (3) brass dry measures, 1 quart to $\frac{1}{2}$ pint.....	5.00
2 sets (14) copper liquid measures, 1 gallon to 1 gill.....	30.00
1 yard measure.....	1.50
1 iron truck.....	5.00
1 5 gallon copper measure.....	15.00
1 steel tape.....	10.00
1 pair inside calipers.....	3.50
1 set brands.....	3.00
1 plumber's furnace.....	5.00
Miscellaneous tools.....	50.00
3 record books.....	15.00
1 Ford automobile, 1 Chrysler.....	1,074.19
Total.....	\$2,090.38

Respectfully submitted,

FELIX C. McBRIDE,
Sealer of Weights and Measures.

REPORT OF SUPERINTENDENT OF BUILDINGS

Cambridge, Mass., February 26, 1934.

To His Honor the Mayor:

In accordance with the revised ordinances of this City, I transmit herewith the annual report of the Building Department for the year ending December 31, 1933.

INSPECTION OF BUILDINGS

Number of applications received and permits granted . . .	596
Number of inspections of buildings	2,591
Number of violations	38

INSPECTION OF GAS FITTING

Number of applications received and permits granted . . .	1,108
Number of inspections and tests	4,123

INSPECTION OF PLUMBING

Number of applications received and permits granted . . .	342
Number of inspections and tests	2,013
Number of violations	14

INSPECTION OF ELEVATORS

Number of applications received and permits granted	8
Number of inspections and tests	517
Number of violations	30

Yours respectfully,

JOHN J. TERRY,
Superintendent of Public Buildings.

CLASSIFICATION OF STRUCTURES, 1933

NEW NON-RESIDENTIAL BUILDINGS	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
Amusement and recreation places												
Churches, chapels, and parish houses												
Factories, bakeries, ice plants, greenhouses, laundries, and other workshops					2	\$13,200			1	\$5,000	1	\$1,500
Garages, public					1	1,200			7	2,125	6	4,800
Garages, private												
Gasoline and service stations												
Institutional buildings												
Office buildings, including banks					1	700	2	\$5,000	1	2,500		
Public buildings, including libraries and museums	1	\$200	1	\$162,000	1	286,929						
Public works and utilities												
Schools, grade and high												
Sheds, poultry houses, and other minor out-buildings					1	400	1	30			1	50
Storage warehouses, coal pockets, lumber sheds, etc.					1	300			1	150	2	705
Stores, restaurants, and other mercantile buildings							1	3,300				
All other non-residential												
Totals	1	200	1	\$162,000	7	\$302,729	4	\$8,330	10	\$9,775	10	\$7,055

NEW RESIDENTIAL BUILDINGS 1933	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
Housekeeping dwellings (one family)												
Two-family dwellings							1	\$7,500	1	\$3,000	3	\$17,500
Multi-family dwellings (three or more families)									1	4,500		
Non-housekeeping dwellings (lodging houses)												
Total new residential buildings							1	\$7,500	2	\$7,500	3	\$17,500

[illegible]

NEW RESIDENTIAL BUILDINGS 1933			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTALS		
	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for		
Housekeeping dwellings (one family)																							
Two-family dwellings										1	\$6,000	1				1	\$3,500	1	7	\$37,500	7		
Multi-family dwellings (three or more families)																			1	4,500	2		
Non-housekeeping dwellings (lodging houses) ..																							
Total new residential buildings										1	\$6,000	1				1	\$3,500	1	8	\$42,000	9		

CLASSIFICATION OF STRUCTURES, 1933 (Continued)

ADDITIONS, ALTERATIONS AND REPAIRS, 1933	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
On residential buildings:												
Housekeeping dwellings.....	18	\$2,920	12	\$7,000	18	\$8,892	22	\$100,462	40	\$10,713	32	\$5,880
On non-residential buildings.....	8	6,865	9	10,295	14	18,810	9	10,950	6	1,640	10	26,520
Total additions, alterations and repairs.....	26	\$9,785	21	\$17,295	32	\$27,702	31	\$111,412	46	\$12,353	42	\$32,400

ADDITIONS, ALTERATIONS AND REPAIRS 1933	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
On residential buildings:														
Housekeeping dwellings.....	38	\$21,174	27	\$22,120	38	\$11,590	31	\$12,742	18	\$2,335	7	\$7,720	301	\$213,548
On non-residential buildings.....	8	16,000	20	23,620	18	6,285	15	19,645	10	12,840	10	9,135	137	162,605
Total additions, alterations and repairs.....	46	\$37,174	47	\$45,740	56	\$17,875	46	\$32,387	28	\$15,175	17	\$16,855	438	\$376,153

SIXTY-SEVENTH ANNUAL REPORT OF THE CITY ENGINEER

For the Year Ending December 31, 1933

To the Honorable City Council:

The City Engineer hereby submits his annual report, being the sixty-seventh of the department, showing the operation and expenditures of the Engineering and Sewer Departments for the year ending December 31, 1933. A brief summary of the work of the Engineering and Sewer Departments for the period of one year is as follows:

FOR HIGHWAY DEPARTMENT

Number of surveys made.....	3
Number of street lines given.....	152
Number of grades given.....	156
Number of streets on which paving, curbs, etc., were measured.....	48
Number of assessments prepared.....	92
Number of plans and profiles prepared.....	10

FOR SEWER DEPARTMENT

Number of surveys made.....	3
Number of lines given.....	94
Number of grades given.....	105
Number of sewers measured.....	5
Number of plans and profiles prepared.....	3
Number of photographic negatives made.....	7

FOR WATER DEPARTMENT

Number of surveys made.....	10
Number of lines given.....	6
Number of grades given.....	10
Number of plans and profiles prepared.....	7
Number of photographic negatives made.....	28

FOR LAW DEPARTMENT

Number of surveys made.....	80
Number of plans prepared.....	14
Number of photographic negatives made.....	62

FOR PARK DEPARTMENT

Number of surveys made.....	2
Number of lines given.....	9
Number of grades given.....	18
Number of photographic negatives made.....	4

FOR CEMETERY DEPARTMENT

Number of surveys made.....	1
Number of lines given.....	2
Number of grades given.....	2
Number of plans and profiles prepared.....	0

FOR MISCELLANEOUS WORK

Number of circuit bench levels.....	2
Number of houses measured.....	62
Number of plans, profiles, tracings, etc., prepared.....	15
Number of surveys made.....	4
Number of lines given.....	50
Number of grades given.....	40
Number of photographic negatives made.....	50

There are on file in this office 14,775 plans.

FINANCIAL

Engineering Department

SALARIES

Appropriation.....	\$19,793 00
Expended.....	19,793 00
Balance.....	0 00

GENERAL EXPENSE

Appropriation.....	\$589 00
Expended.....	447 37
Balance.....	\$141 63

In addition to and including the above amounts charged to salaries of assistants, there has been expended and charged to the Department as follows:

To Assessors' Plans.....	\$1,092 00
To Sewer Department.....	3,731 00
To Water Department.....	.....
To Salary of City Engineer.....	4,700 00
To salaries of assistants.....	15,093 00
Total.....	\$24,616 00

CLASSIFICATION OF SALARIES OF ASSISTANTS

Accidents: surveys, plans and court attendance for Law Department..	\$709 65
Accounts: booking and clerical work.....	1,716 00
Assessors' Plans: surveys, measurements and work on Block Plans for Assessors' Department.....	1,209 15
Bridges: surveys, plans, examinations and estimates.....	190 00
Cemetery: surveys, measurements and plans setting out lots at Cambridge Cemetery.....	45 00
Highways: surveys, levels, plans, titles, estimates, measurements and assessments for Highway Department, also lines and grades given for private parties.....	3,456 88
Miscellaneous: unclassified work for committees and departments, vacations and sickness.....	5,138 80

Parks: surveys, lines, grades, plans and estimates for Park Department	\$137 69
Sewers: lines, grades, plans, estimates, accounts, measurements and assessments for Sewer Department	5,120 80
Water Department: lines, surveys, plans and estimates for Water Works	2,192 03
Total	<u>\$19,916 00</u>

REVENUE

For year ending December 31, 1932, not reported last year.		
7 Copies of List of Streets	\$ 70	
178 Copies of City Map	17 80	
	<u> </u>	\$18 50
For year ending December 31, 1933.		
10 Copies of List of Streets	\$1 00	
196 Copies of City Map	19 60	
	<u> </u>	\$20 60

CITY BRIDGES

The annual inspection of the city bridges was made and the following is a report of their present condition.

Wellington Bridge, over Wellington Brook at Blanchard Road. This bridge is in fair condition with the exception of the fence which is very dangerous. The outside stringers need replacing. The ends of deck planking are in poor condition.

Huron Avenue Bridge, at Fountain Terrace. The steel work needs painting badly and clay should be cleaned away from the steel columns where they rest on the granite base.

Huron Avenue Bridge, at Watertown branch Boston and Maine Railroad. This bridge is in good condition. The steel work and the pedestals must be cleaned and painted and the clay kept away from them as the steel is corroding. Steel fence is badly in need of paint.

Walden Street Bridge, over Boston and Maine Railroad (Fitchburg Division). The underside of the concrete floor of this bridge needs patching in several places where the steel reinforcement is exposed. The gunite covering of the main girders should be repaired at once. The main girders should be painted.

Sixth Street Bridge, over Broad Canal. This bridge is in good condition with the exception of the locks which cannot be operated. The four (4) dolphins are also in very poor condition and should be rebuilt as soon as possible. The steel should be repainted.

Third Street Bridge, over Broad Canal. This bridge is in good condition. The dolphins at the corners of the draw are in a very bad condition and should be renewed as soon as possible. The steel should be painted. The gate arms should be repaired and the speed gears should be adjusted.

First Street Bridge, over Broad Canal. This bridge is in fairly good condition. The traffic gates are out of commission and should be repaired at once. One (1) dolphin is in poor condition and should be replaced. New piles should be driven to replace old piles on the waling as some are in very poor condition. The steel should be painted on the draw and also the steel structure supporting the counterweight.

Commercial Avenue Bridge, over Lechmere Canal. This bridge is badly in need of repairs. The track gear is cracked and

should be repaired at once. The deck is in need of new planking and some of the old timbers need replacing.

The bridge should be repainted at once to stop corroding. The waling and piles need replacing and the spur shores are in need of repairs. The concrete abutments and pit should be repaired.

MOSQUITO SUPPRESSION

Owing to the lack of appropriation, there was no work done on the suppression of mosquitoes during the past year. Many of the breeding spots near Cambridge Cemetery have been filled with material removed from catch basins.

ASSESSORS' BLOCK PLANS

The work of making new block plans for the Assessors' Department was continued during the past year. Seventeen sheets were newly drawn, printed and mounted and the plans turned over to the Assessors' Department. Two hundred fifty-six plans have been completed to date.

The amount expended during the past year for this work was \$1,112.63.

Appropriation		\$1,175 00
Expended for salaries	\$1,092 00	
Expended for materials and printing	20 63	1,112 63
		<hr/>
Balance		\$62 37

GENERAL SEWER CONSTRUCTION

The total length of new sewers constructed during the year was 0.726 miles, making a total mileage in the City of 178.890 miles. The total length of streets newly sewered during the year was 0.124 miles, making a total mileage of streets sewered with one or more conduits 129.341 miles. There were 0.026 miles of old sewers relaid.

There are 111.616 miles of combined sewers in the City, 47.092 miles of sanitary sewers and 20.184 miles of storm sewers, making a total of 178.890 miles.

STREET CATCH BASINS

The total number of catch basins in the City is now 2,649.

Catch basins with wooden covers	247
Catch basins with sidewalk flaggings	1,082
Catch basins with cast-iron "D" frames	1,251
Catch basins with miscellaneous covers	69

SEWERS CONSTRUCTED JANUARY 1, 1933, TO DECEMBER 31, 1933

Street	From	To	Material	Size in Inches			Number of			Av. Depth in Feet	Length in Feet			Cost		Time when work was	
				Combined	Storm	Sanitary	Manholes	Lamp-holes	Inlets		Combined	Storm	Sanitary	Per Foot	Total	Begun	Finished
Sherman Street Outlet	Middlesex Street	Creighton Street	Concrete Pipe	.....	54 48 42	.....	7	.....	55	11	.....	2003	.....	.....	\$82,073.13	Jan. 1, 1933	Dec. 31, 1933
Concord Avenue	Concord Avenue	Alewife Brook	Concrete Pipe	.....	54	.....	1	.....	.....	8	.....	200	.....	.....	9,869.07	Jan. 3, 1933	Mar. 5, 1933
Alpine Street	Concord Avenue	Vassal Lane	Akron Pipe	.....	12	8	2	.....	68	9	.....	656.2	656.2	.....	659.62	C. W. A.	
Western Avenue	Pleasant Street	Green Street	Akron Pipe	12	.....	.....	1	1	6	8	314.1	.....	.....	.....	1,961.02	Oct. 18, 1933	Nov. 2, 1933
* Massachusetts Avenue	Pleasant Street	Southerly	Akron Pipe	.....	15	10	.....	.....	.....	13	.....	71	71	.....	1,825.33	July 15, 1933	Aug. 12, 1933
Huron Avenue	Connecting to Golf Club House		Akron Pipe	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. W. A.	
Vassar Street Extension	West of Mass. Ave.	Westerly	Concrete and Akron Pipe	.....	18	8	.....	.....	.....	.....	.....	.....	.....	C. W. A.	.....	Under Construction	
McCarthy Road	Cowperthwaite Street	Flagg Street	Concrete Pipe	.....	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Under Construction	
Flagg Street	McCarthy Road	Banks Street	Concrete Pipe	.....	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Under Construction	

* Relay Massachusetts Avenue sewer — Old sewer broken.

Year	Month	Day	Event
1881	Jan	1	Birth of John
1881	Feb	1	Birth of Mary
1881	Mar	1	Birth of John
1881	Apr	1	Birth of Mary
1881	May	1	Birth of John
1881	Jun	1	Birth of Mary
1881	Jul	1	Birth of John
1881	Aug	1	Birth of Mary
1881	Sep	1	Birth of John
1881	Oct	1	Birth of Mary
1881	Nov	1	Birth of John
1881	Dec	1	Birth of Mary

Fourteen new catch basins have been built during the year at a cost of \$2,776.65.

Twenty-eight catch basins have been repaired during the year at a cost of \$745.70.

One thousand nine hundred and five cubic yards of material have been removed from 1,339 catch basins during the year at a cost of \$7,071.51.

Eight persons have been licensed during the year as drain layers.

Permits have been granted for private drain connections or repairs as follows:

For connection to sanitary sewers.....	12
For connection to combined sewers.....	14
For connection to storm sewers.....	3
For repairs.....	55
Total.....	<u>84</u>

a total number of 29 permits for connections and 55 for repairs.

METROPOLITAN SEWER TAX

Appropriation.....		\$84,976 86
Sinking fund requirements.....	\$2,948 93	
Interest account.....	10,906 92	
Maintenance and operation.....	53,074 26	
Maturing serial bonds.....	18,046 75	

SEWER CONSTRUCTION ACCOUNT

Appropriation.....	\$118,915 13
Expended.....	<u>105,907 76</u>
Balance.....	\$13,007 37

Expended

General Expense.....	\$4,016 53
New Catch Basins.....	2,776 65
Sherman Street Outlet.....	82,073 13
Third Street sewer (relay).....	895 00
Concord Avenue Sewer extension.....	9,869 07
Huron Avenue sewer extension at Clinker Park.....	62 47
Massachusetts Avenue sewer (relay).....	1,825 33
Western Avenue sewer.....	1,961 02
* Alpine Street sewer.....	659 62
* Vassar Street sewer extension.....	157 50
McCarthy Road sewer.....	<u>1,611 44</u>
Total expenditure.....	\$105,907 76

* The remainder of the cost of labor and total cost of materials were paid by the Civil Works Administration. The Vassar Street sewer is not completed.

Of the "General Expense" account, \$392.50 was for labor on C. W. A. projects.

TABLE SHOWING RAINFALL AT STONY BROOK BASIN AT WESTON, AT HOBBS BROOK BASIN IN WALTHAM, AT CITY HALL, CAMBRIDGE, AND AT CONCORD, FOR 1933

Day of Month	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				Day of Month							
	Stony Brook	Hobbs Brook	City Hall	Concord	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.																
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7	.08	.09	.08	.06	.67	.52	.20				.49	.20	.30	.25	.53	.47													.16						.05	.67	.38	.46	.46	.02	.03	T		T					7							
8					.05	.03	.32	.48	1.45	1.51	1.85	2.33			T								.32	.53	.88	.04		.23	T	.03	.03			.01	.11	.30		.06	T										8							
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10				.03	.87	.63											.28	.28	.55	.36	.50			T	.64	.17	.28	.25				.02	T	.04				.53	.76		T	T	.01						10							
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15		.01	T	.01	.12	.03	.07	.03		.12	.28	.32	.20	.14	.01	.07									T								3.27	1.99	.04	.02				T			.32	.26	.09	.08			15							
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18									.71	.67	.96	.66					.11	.09	.02	.14																									T	.09			.01	.19			18			
19	.46	.40	.30	.50		.20			.37	.22	.20	.09	.50	.59	.13	.12												.15	.10	T	T						.01														19					
20					.98	.68	.96	.85	1.05	.83	.91	.73					.50	.63	.64	T	.33	.28		.85	1.25	1.09			.19																T	1.10	1.12	.72	.38			20				
21							T	T	.30	.30	.47	.75						.01	.11	.81	.66	.41	.42	.55		.02	.01	1.00	.60	.46	.44	.07	.02	.03	.05	.18				.02	.01	T				.20	.78				21					
22	.54	.57	.45	.59							T	T										.19	.47																												22					
23			T	T	.12	.03	.06	.03									.04	T										.34	.46	.01	T	.02																					23			
24						T											.06	.05	.05	T					.13	.06	.01				.58	.38		.07					1.00	1.08	1.03	.47					T					24				
25					.94	.90	.67	.15					.11	.05	.07	.07								.01	.01	.23	.15	.01	.26														.03	.75							25					
26	.02	.06	.04	T		.15	.23	1.17			T	T	.12	.06	.11	.08		.01																												.28	.24	.18	T	1.50	1.65	.78	1.10			26
27	.11	.06	.08	.06											T	T				.01	T																									.04	.25			T	.06			27		
28		T	T	.02			T	T	.45	.39	.25	.09			T				.02	.14								.48	.80	.59	.70	.03	.30	.02															T			.01			28	
29	.02	.01	T	T							.08	.38			T	T					.01		.07	.03							.22	.49	.59		.13	.34			T	T	T									.01				29		
30				T													.37	.53	.05	.07					.05	.04																					.05		.01	.03					30	
31						.54	.18										.56	.35	1.30	.83					.04	.01																								T	T				31	
Total	2.26	2.22	2.04	2.26	4.00	3.75	3.77	4.02	6.37	6.80	6.80	6.59	6.20	6.04	7.37	6.28	2.19	2.01	2.74	2.24	2.66	1.36	1.22	1.50	2.44	2.59	2.63	2.70	2.88	3.07	3.41	3.84	11.32	10.26	10.94	11.95	3.27	3.47	3.11	3.55	.96	.83	0.65	0.88	3.95	4.24	2.93	3.78	Total							

SEWER MAINTENANCE

Appropriation	\$39,389 50
Expended	38,479 62
Balance	<u>\$809 88</u>

Expended

Catch basin repairs	\$745 70
Catch basin cleaning	7,071 51
Cleaning and repairing gates	2,416 30
Cleaning sumps	62 00
Cleaning and flushing sewers	4,312 62
Manhole repairs	108 37
General expense	16,751 66
Salary of Superintendent of Sewers	4,250 00
Office expense	881 30
Sewer repairs	1,381 30
Yard and garage expense	498 86
Total expenditure	<u>\$38,479 62</u>

REVENUE

Rent	\$64 00
Repairing miscellaneous sewers and catch basins	158 33
Total revenue	<u>\$222 33</u>

WATER WORKS

Water wasted over the Stony Brook Dam during the year was as follows:

1933 -	Gallons
January	153,488,000
February	383,050,000
March	1,780,367,000
April	2,027,140,000
May	112,215,000
June .....	.....
July .....	.....
August .....	.....
September	273,733,000
October .....	.....
November	69,425,000
	<u>4,799,418,000</u>

The total amount of water passing over the dam during the year 1933 was 4,799,418,000 gallons. The total consumption of water during the year 1933 was 4,215,192,200.

The Engineering Department is organized as follows:

Temporary City Engineer

G. FRANK HOOKER

First Assistant Engineer

EDGAR W. DAVIS

Superintendent of Sewers

THOMAS P. O'NEILL

Secretary and Clerk

GENEVIEVE G. HANNON

Assistants

RAY L. COOLIDGE, Assistant Engineer, Assessments and Court Work

DONALD J. REARDON, Assistant Engineer and Office Assistant

EDWARD SMITH, Assistant Engineer, Field Work

WILLIAM H. MCGINNESS, Assistant Engineer and Office Assistant

Transitman

JOSEPH P. CARNEY

Draftsman

EDWARD F. CARNEY

Rodmen

J. DONNELL SULLIVAN

JOHN A. ALTIMAS

Respectfully submitted,

G. FRANK HOOKER,
Temporary City Engineer.

ANNUAL REPORT OF THE SUPERINTENDENT OF STREETS

For the Fiscal Year Ending December 31, 1933

To the Honorable City Council:

In accordance with the provisions of Chapter 25 of the Revised Ordinances of the City of Cambridge, the annual report of the Superintendent of Streets for the year ending December 31, 1933, is herewith submitted. A summary and analysis of the expenditures of the department follows:

GENERAL MAINTENANCE EXPENDITURES

"A" Labor payrolls.....	\$257,195 81	
"B" Service items.....	4,248 52	
"B" Removal of snow.....	16,441 40	
"C" Equipment items.....	548 75	
"D" Supplies.....	17,771 66	
"E" Materials.....	6,153 69	
"F" Special items.....	1,758 01	
	<hr/>	\$304,117 84

STABLE ACCOUNT

"A" Labor payrolls.....	\$37,541 68	
"B" Service items.....	1,018 41	
"D" Supplies.....	1,906 83	
	<hr/>	\$40,466 92

SANITARY ACCOUNT

"A" Labor payrolls.....	\$285,301 68	
"B" Service items.....	1,476 82	
"C" Equipment.....	67 22	
"D" Supplies.....	12,008 48	
"F" Special items.....	2,486 50	
	<hr/>	301,340 70

Total from tax levy funds.....	\$645,925 46
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ANALYSIS OF MAINTENANCE EXPENDITURES

General payrolls, maintenance.....	\$88,747 76	
Executive office expenses:		
Salary of Superintendent.....	\$4,250 00	
Salaries of office clerks.....	8,804 00	
Printing and binding.....	75 00	
Postage.....	23 50	
Advertising.....	27 18	
Repairs to office machines.....	10 50	
Rental of office machines.....	16 00	
Towel supply.....	3 13	
Office supplies.....	228 44	
Water and ice.....	11 75	
	<hr/>	13,449 50

Motor Repairs and Supplies:

Ignition repairs	\$109 71
Radiator repairs	36 46
Machinery repairs	26 99
Repairs to tires and tubes	16 13
Repairs to springs	31 94
Welding	18 72
Recharging batteries	6 88
Gasoline	2,218 40
Oil and grease	312 12
Tires	532 37
General parts	363 02
General supplies	66 07

 3,738 81

Roller Repairs and Supplies:

Repairs to boilers	\$561 67
Boiler inspections	60 00

 621 67

Street Signs and Traffic Supplies:

Gas service	\$100 00
Paint machine	50 00
Lanterns and globes	82 50
Kerosene	104 00
Street paint	371 08
Traffic and sign materials	628 96

 1,336 54

Pavement Repairs:

Labor payrolls	\$22,186 95
Use of compressor	52 96
Motor vehicle repairs	62 47
Gasoline	1,109 52
Oil and grease	156 06
Tires	266 20
Motor vehicle supplies	276 54
Sand	434 55
Patching material	2,431 55
Bricks	2,604 00
Crushed stone	454 89
Cement	73 60
Stable apportionment	2,073 34

 32,182 63

Workmen's Compensation:

Compensation payments	\$1,650 85
Medical supplies	14 00
Medical expenses	133 50

 1,798 35

Repairs to bitulithic pavement

107 16

Stable apportionment, general

2,073 34

Snow Removal:

Labor payrolls	\$18,944 54
Salt	34 58
Hire of trucks and plows	5,799 69
Ignition repairs	54 87
Radiator repairs	18 22
Machinery repairs	195 01
Tires and tubes	274 26
Spring repairs	17 02
Welding	9 35

Battery repairs.....	\$3 44	
Oil and grease.....	156 06	
Gasoline.....	1,109 20	
General supplies.....	33 04	
Stable apportionment.....	2,073 34	
		<hr/>
		\$28,722 62
Street Cleaning:		
Labor payrolls.....	\$88,655 11	
Ignition repairs.....	219 45	
Radiator repairs.....	72 90	
Machinery repairs and parts.....	780 02	
Tires and tubes and repairs.....	1,098 03	
Spring repairs.....	65 88	
Welding.....	37 42	
Battery repairs.....	13 75	
Labor on sweepers.....	335 93	
Sweeper parts.....	1,445 42	
Gasoline.....	4,436 79	
Oil and grease.....	624 24	
General supplies.....	132 14	
Tools.....	413 00	
Brooms.....	85 75	
Inspections and registrations.....	66 00	
Stable apportionment.....	5,598 02	
		<hr/>
		104,079 85
Bridges:		
Drawtenders' salaries.....	\$37,291 27	
Light and power.....	1,461 30	
Machinery repairs.....	83 88	
Fuel.....	121 65	
Grease.....	31 55	
Lumber.....	89 86	
		<hr/>
		39,079 51
		<hr/>
		\$315,987 74

STABLE DIVISION

Labor payrolls.....	\$37,541 68	
Lighting buildings.....	559 85	
Telephones.....	398 36	
Medical service.....	2 00	
Towel supply.....	50 00	
Saw filing.....	8 20	
Fuel.....	1,206 00	
Electrical supplies.....	63 78	
General hardware.....	215 72	
Paints.....	221 72	
Lumber.....	32 91	
Soap and sponges.....	36 50	
Heating supplies.....	130 20	
		<hr/>
		\$40,466 92

DISTRIBUTION OF STABLE ACCOUNT

Collection of ashes.....	\$15,800 06	
Collection of offal.....	5,598 02	
Street cleaning.....	5,598 02	
General maintenance.....	2,073 34	
Pavement repairs.....	2,073 34	
Snow removal.....	2,073 34	
General construction.....	7,250 80	
		<hr/>
		\$40,466 92

The ordinary routine of maintenance work has been carried on during the year such as repairing defects, maintaining traffic lines and signals, putting up new signs and repairing old ones, repairing the motor equipment and maintaining the various buildings.

I must call attention to the condition of a large part of the motor trucks now in service for many years which should be replaced by new equipment. Much of it is now obsolete, with solid tires, worn-out motors and battered bodies and is a source of continual expense for renewals and repairs. Money could be saved by replacing a large number of these machines, especially the motor sweepers and older ash trucks which have to be used for the plowing work during the winter.

This condition was forcibly brought out by the severe blizzard of December 26, 1933, when our own equipment failed and it was necessary to hire outside machinery. A new set of safety gates will have to be installed at the First Street Bridge this coming year.

COLLECTION OF ASHES

Foremen.....	\$6,772 40	
Chauffeurs.....	47,598 18	
Laborers.....	132,232 27	
		<hr/>
		\$186,602 94
Motor repairs.....		74 95
Ignition repairs.....		45 49
Welding.....		81 03
Radiator repairs.....		24 17
Tire repairs.....		170 33
Battery service.....		40 33
Spring repairs.....		5 00
Medical services.....		466 33
Registrations.....		56 00
Tools.....		44 82
Motor parts.....		1,100 20
Ignition parts.....		86 23
Gasoline.....		4,117 94
Tires.....		1,884 90
Springs.....		31 85
Radiators.....		8 33
Oil and grease.....		686 34
Dump supplies.....		110 41
Medical supplies.....		24 40
Workmen's compensation.....		2,023 66
Stable apportionment.....		15,800 06
		<hr/>
		\$213,485 71

COLLECTION OF ASHES

The following table shows the amounts of materials collected and the approximate cubic yardage of the collection.

Loads	Ash Trucks	Paper Trucks
January, 1933.....	2,476	585
February, 1933.....	2,216	450
March, 1933.....	2,351	645
April, 1933.....	1,865	535
May, 1933.....	2,107	601
June, 1933.....	1,907	567
July, 1933.....	1,470	395
August, 1933.....	1,506	145
September, 1933.....	1,631	401
October, 1933.....	1,799	460
November, 1933.....	1,924	455
December, 1933.....	1,819	424
	<hr/>	<hr/>
Average yardage per load.....	23,071 6	5,663 5
	<hr/>	<hr/>
Estimated yardage.....	138,426	28,315
Total.....		166,741

The collection shows a slight decrease over the previous year. Paper has been burnt in the open at the Raymond Street yard as the incinerator formerly there has been torn down. The dump at Cofran's Pit has been discontinued on account of the area being built as a playground under the Civil Works Administration project. Arrangements have been made with the owners of a large area of land at the foot of Smith Place and the entire collection is being dumped there. Paper and light refuse is being salvaged by a contractor.

The need of a modern incinerator is more urgent than ever on account of the quantity of light refuse which is inflammable and makes the maintenance of open dumps a serious matter. Fires can not be allowed and are hard to avoid and will probably lead to the dumping areas being difficult to hold on to.

Other cities of this size are meeting this problem by erecting incinerators and are disposing of their inflammable wastes and house offal with but little expense and no nuisance as to smoke or odor.

Dumping areas are harder to obtain than ever and the few there are must be leased under conditions that are impossible to meet so that within a short time the City will be without places to dump.

With proper incineration, these difficulties will be easily met and not only could the City's wastes be burned but it would be a great accommodation to manufacturers and a possible source of revenue.

I am, therefore, again urging the construction of a modern incinerator to be built on city-owned land as one of the outstanding needs of this City.

COLLECTION OF OFFAL

Foremen.....	\$2,647 75	
Chauffeurs.....	22,257 00	
Laborers.....	73,793 99	
		<hr/>
		\$98,698 74
Motor repairs.....		75 00
Ignition repairs.....		22 70
Welding.....		40 57
Radiator repairs.....		12 08
Tire repairs.....		85 17
Battery service.....		20 17
Spring repairs.....		2 33
Medical services.....		233 17
Registrations.....		22 00
Tools.....		22 40
Motor parts.....		550 09
Ignition parts.....		43 12
Gasoline.....		2,058 96
Tires.....		942 45
Springs.....		15 92
Radiators.....		4 17
Oil and grease.....		343 17
Compensation payments.....		462 84
Stable apportionment.....		5,598 02
		<hr/>
		\$109,253 07

HOUSE OFFAL

The following table shows the number of cord feet of offal collected by months:

January, 1933.....	2,510
February, 1933.....	2,286
March, 1933.....	2,600
April, 1933.....	2,327
May, 1933.....	2,595
June, 1933.....	2,466
July, 1933.....	2,031
August, 1933.....	2,569
September, 1933.....	2,438
October, 1933.....	2,569
November, 1933.....	2,507
December, 1933.....	2,363
	<hr/>
	29,261

The total collection was slightly less than the preceding year and was disposed of in the usual manner by being sold to hog farmers.

The cash receipts for the year amounted to \$7,237.75 which also shows a decrease.

Prices for live stock are still too low to increase the demand for this class of feed and together with the fact that it is getting more difficult to operate piggeries in some of the outlying towns, I am again urging the need of incineration. The future of the present method of disposal appears to be of short duration and it is obvious that a more definite method must be provided in a very short time.

Neglect to do this and to provide a modern incinerator may mean that the City will face a serious problem of getting rid of its daily production of offal. The question is quite as important as the disposal of sewage, if not more so, as the sewage can readily be flowed through established systems while this accumulation is solid and must be reduced by mechanical means to a residue which can be dumped.

STREET CONSTRUCTION ACCOUNTS

Brewster Street	\$3,098 23
Binney Street, First to Third Streets	24,188 89
Concord Avenue, macadam shoulders	1,756 94
Coolidge Avenue	23,511 77
Cambridge and Broadway at Fire Station	20,088 60
Cogswell Avenue	489 36
Clinton Street	2,380 24
Dana Street, Broadway to Cambridge	1,452 47
Edgestones and sidewalks	61,813 24
Erie Street, Albany to Brookline	15,809 72
Ellsworth Avenue	2,254 87
Fairfield Street	15,157 06
Felton Street	17,460 24
Huron Avenue, Upland Road to Raymond	607 61
Hamilton Street (unfinished)	170 77
Line Street at Cambridge	9,341 51
Larchwood	279 57
Lowland Avenue	6,780 87
Massachusetts Avenue, dummy strip, North Cambridge	5,617 98
Massachusetts Avenue, Waterhouse to Massachusetts Avenue	11,009 06
Normandy Avenue	13,900 20
Notre Dame Avenue	10,361 55
Otis Street	4,605 63
Pacific Street, Brookline to Albany	19,018 69
Prison Point Bridge at Bridge Street	6,839 26
Porter Station Bridge	3,118 96
Quincy Street corner of Kirkland	2,780 53
Reidesel Avenue (unfinished)	537 00
Sumner Road	20,240 62

Spring Street, gutters.....	\$388 45
Sixth Street, Harvard to Broadway.....	19,098 79
Thorndike Street, gutters.....	3,062 42
Van Norden Street.....	5,292 17
Waverly Street.....	2,242 45
Western Avenue, entire.....	63,486 90
Wyman Street.....	3,302 64
Wood Street.....	5,105 36
Total.....	\$421,179 98

CIVIL WORKS ADMINISTRATION PROJECTS

Concord Avenue.....	\$5,954 50
Commercial Avenue.....	1,201 02
Vassar Street.....	316 04
Total.....	\$7,471 56

The above list of streets were constructed during the year on the construction program. Binney Street, Erie Street, Pacific Street and Sixth Street were relaid granite block jobs. Western Avenue was completely rebuilt by removing the old blocks, building up the old base and laying a three-inch asphalt top. The Railway Company rebuilt its entire track on this street. Fairfield Street, Felton Street, Line Street Corner, Massachusetts Avenue dummy strips, Notre Dame Avenue, Porter Station Bridge, Quincy Street Corner, Sumner Road and Van Norden Street were built with asphalt top on crushed stone bases. Prison Point Bridge at Bridge Street was completed from the point left three years ago. The largest of the bituminous penetration jobs was the completion of Coolidge Avenue which was carried all the way through to the Watertown Line.

Late in November four Civil Works Administration projects were approved for highway work. Concord Avenue is to be constructed with reinforced concrete and widened ten feet, Vassar Street is to be constructed with reinforced concrete from Massachusetts Avenue to Memorial Drive and the same construction is approved for Commercial Avenue. The fourth project is the construction of Alpine Street, from Concord Avenue to Vassal Lane, and the completion of the pit known as Cofran's pit, long a city ash dump, as a public playground.

These projects will furnish work for a large number of men during the winter and much relief will be given the employment problem.

There are many other projects for sewer and water work that

are in progress all over the City which will require an extensive program of reconstruction work early in the spring.

GENERAL RECOMMENDATIONS

I shall again urge the rebuilding of the department yards and garages and the consolidation of the city's storage facilities at the Raymond Street Yard.

I shall again request sufficient appropriations for replacing sweepers, trucks and snow removing machinery together with certain machinery needed to carry on the construction work to avoid hiring.

No new employees were added to the roll during the year while many of the older employees have been pensioned.

The ten per cent contribution prevailed all during the year.

I desire to express my sincere thanks for the coöperation given to me by the City Council, the Mayor and the employees of the department.

Respectfully submitted,

WILLIAM R. McMENIMEN,
Superintendent of Streets.

REPORT OF THE BRIDGE COMMISSIONER

For the Boston and Cambridge Bridge Commission

EXPENDITURES

Labor, bridge cleaners.....	\$4,252 00	
Printing.....	16 37	
Lighting bridges.....	2,715 74	
Supplies.....	46 98	
Contribution to retirement fund.....	739 00	
	<hr/>	\$7,770 09

There have been no unusual repairs on these bridges as only the lighting and snow removal required attention. The matter of repainting the steel work has at last been settled as the Civil Works Administration approved it as a project and the work is now in progress and will be finished late in the spring. This will save both cities a large sum of money and will not require repainting again for some years. I desire to thank the Boston Commissioner and his staff for their many courtesies during the year.

Respectfully submitted,

WILLIAM R. McMENIMEN,
Bridge Commissioner.

REPORT OF BOARD OF APPEAL

Cambridge, Mass., March 1, 1934.

To His Honor the Mayor:

In accordance with the provisions of the Building Ordinance the Board of Appeal herewith submits the report for the year ending December 31, 1933.

The Board held nine public hearings, and has had presented for its consideration sixty-six cases. These cases may be classified as follows:

Cases involving new buildings.....	20
Cases involving alteration to existing buildings.....	7
Cases involving additions to existing buildings.....	8
Cases involving occupation of existing buildings.....	24
Cases involving a use of premises only.....	6
Concurrent action on use of materials.....	1
Total.....	66

In the above-mentioned cases modifications of the zoning law and building code were sought under the following:

Side yards.....	1
Rear yards.....	3
Setbacks.....	2
Type of construction.....	10
Occupancy and use.....	15
Use of premises.....	6
Concurrent action.....	1
Business buildings in residence district.....	22
Garage for more than two cars under Chapter 133.....	5
Inner and outer courts.....	1
Total.....	66

A summary of the decisions rendered by the Board on the above cases is as follows:

Granted.....	41
Denied.....	19
Withdrawn.....	3
Dismissed.....	1
Concurrent action.....	2
Total.....	66

It is the opinion of the Board that a re-zoning of the City at this time would be a distinct accomplishment. Since the various zones were last laid out, various sections of the City have substantially changed in character. There are certain sections almost entirely devoted to business which are still zoned for residential purposes. As a result, the development of these sections as business localities is likely to be severely impaired.

On the other hand, we have large sections of vacant land along the Charles River and in other sections ideally located for apartment houses and homes, which are at present zoned for business purposes.

Respectfully submitted,

JAMES J. WALSH,
PARKER F. SOULE,
WILLIAM LAWRENCE GALVIN.

REPORT OF THE PLANNING BOARD
For Four Years Ending December 31, 1933

MEMBERSHIP

Ex-officio Member

HIS HONOR THE MAYOR

JEREMIAH F. DOWNEY, <i>Chairman</i>	Term expires 1933
CHARLES W. KILLAM, <i>Secretary</i>	Term expires 1935
JOHN H. CORCORAN.....	Term expires 1937
GEORGE L. DOW.....	Term expires 1934
*MELVILLE F. WESTON.....	Term expires 1936

Cambridge, May 23, 1934.

The last report of the Board was that for the fiscal year ending March 31, 1929. The former Board resigned in May, 1929, on account of dissatisfaction with lack of coöperation from the City Government.

The members of the present Board were all appointed by Mayor Russell and organized May 6, 1930, with the choice of Jeremiah F. Downey as Chairman, and Melville F. Weston as Secretary. Since that time, the Board has held about fifty meetings, in addition to investigations, conferences and hearings attended by one or more members.

At the request of the City Council, the Board reported in 1930 on the extension of Henry Street. The Board recommended that Henry Street be extended at grade across the tracks of the Grand Junction Railroad to connect with Vassar Street; thus allowing trucks to enter or leave Vassar Street without entering Memorial Drive. In general, the Metropolitan District Commission does not allow trucks to use Memorial Drive but has so far waived this rule so as to allow trucks to use the portion of the Drive from Vassar Street to the Cottage Farm Bridge. The City accordingly petitioned the Department of Public Utilities for the right to cross the railroad tracks at grade but was refused by the Department of Public Utilities by order of June 9, 1932.

* Mr. Weston resigned on February 8, 1932, and the vacancy has not been filled.

At the request of the City Council, the Board drafted an amendment to the Zoning Law and Building Code to allow garages in connection with fireproof hotels and apartments and this amendment was passed in November, 1930.

At the request of the City Council, the Board drafted an amendment to the Zoning Law as to Massachusetts Avenue between Follen Street and the Boston and Maine Railroad. The recommended amendment was not passed by the City Council.

The Board notified Mayor Russell on March 10, 1931, that it was in favor of widening Wadsworth Street to sixty feet. At the request of Mayor Russell, the Board has sent him its recommendations as to projects of the Division of Metropolitan Planning before the Legislature.

This Board has favored before legislative committees the project of the Division of Metropolitan Planning for the extension of Memorial Drive along the river bank from the Cambridge Boat Club to Gerry's Landing in the hollow between the Cambridge Hospital and Coolidge Hill. It would there connect with a parkway which has long been planned to run from Fresh Pond Parkway across a new bridge at Gerry's Landing to the present parkway around Soldiers Field. The rough fill for this extension of Memorial Drive back of the Cambridge Hospital was put in but further work was stopped, largely on account of the objections of the Cambridge Boat Club. The club had a lease for free use of its location, which expired in June, 1929, and this permit has not been renewed. One or more members of this Board have coöperated with the club and the Division of Metropolitan Planning in an attempt to find some location for the club which would allow the extension of the drive but without success.

A bridge across the Charles at Gerry's Landing has long been considered essential in completing the drives on both sides of the Basin. During 1933, the Charles William Eliot Memorial Association, hoping that the bridge, when built, should be named after President Eliot, suggested that the bridge be built on dry land to the east of the present course of the river at Gerry's Landing, with the idea of then digging a new course for the river under the bridge. Their scheme, as at first proposed, would have substituted a long radius curve for the present sharp bend in the river at Gerry's Landing, and would have greatly enlarged the small park on the Cambridge side opposite Longfellow Park. It would have

changed the line of Soldiers' Field, involving considerable expense for changing the drive and the fence. This Board believed that this very radical and expensive change in the course of the river, together with the increased park area on the Cambridge side, would cause a large part of the cost to be charged to Cambridge. Our prediction was confirmed when we found that the bill introduced into the Legislature embodied a special payment to be charged against Cambridge but had no such payment to be charged against Boston. The Board favored the bridge but not the change in the course of the river before the Legislative Committee. We have since coöperated with the Charles William Eliot Memorial Association in drawing a plan for a much less expensive change in the course of the river.

At the request of Mayor Russell, the Board advised him as to projects for construction by aid from the Public Works Administration and the Civil Works Administration. One or more members of the Board have, in addition, advised him in other matters of construction to help the unemployed.

In response to request of Mayor Russell, the Board, by letter of October 24, 1933, recommended the following projects in order of importance for application for Public Works Administration funds:

Project 1. Extension and additions to the storm-water sewer system.....\$410,000

Project 2. Additional water mains to meet the recommendations of the National Board of Fire Underwriters.....\$100,000

Project 3. Widening and reconstruction of Concord Avenue from Watertown Branch of the Fitchburg Railroad to the Belmont line.....\$150,000

These projects were approved by the City Council on October 24, and by Mayor Russell on October 26, 1933.

The Board, by letter of November 29, 1933, recommended to Mayor Russell the following additional projects in order of importance for application for Public Works Administration funds:

Project 4. Twelve-room addition to the High and Latin School.....\$200,000

Project 5. Construction at the Raymond Street Yard of garbage and waste material incinerator.....\$250,000

Project 6. Construction of fireproof first floor in Main Public Library \$25,000

Project 7. Construction of garage, shops and storage buildings for consolidated departmental yards at Raymond Street \$75,000

Project 8. Construction of additional sedimentation basins at the water filtration plant \$150,000

Project 9. Additional water mains to meet the recommendations of the National Board of Fire Underwriters \$50,000

Project 4 was approved by the City Council.

At the date of this report, no Public Works Administration funds have been allotted to Cambridge, but some of the projects recommended by the Board have been carried out with the help of Civil Works Administration funds.

The Federal Emergency Administration of Public Works, established under the National Industrial Recovery Act, authorized the loan of eighty-five per cent on the cost of housing projects undertaken by limited dividend corporations. In the case of such projects undertaken by governmental units, the Public Works Administration grants thirty per cent of the cost of labor and materials. As part of the information required from applicants, a statement as to whether a project had been approved by governmental and civic bodies was required. For this reason, housing projects have been submitted to the Board.

The City owns a strip of vacant land about twelve hundred feet long and one hundred seventy-five feet wide between Commercial Avenue and Cambridge Parkway. The Board has considered a project submitted to it for use of this land for housing; first as a limited dividend corporation helped by Public Works Administration loans, and later as a municipal undertaking which would allow the City to receive thirty per cent of the cost of labor and materials as a grant from the Federal Government. The Board voted against such an undertaking on the part of the City.

Messrs. Harris and Sumner Poorvu, who propose to form the Cambridge Housing Corporation, applied on December 6, 1933, to the Board, for approval of their project for slum-clearance in the blocks bounded by Main, Washington, Harrison and Clark Streets. They proposed a limited dividend corporation which would borrow eighty-five per cent from the Public Works Admin-

istration at four per cent interest and be amortized at 1.51 per cent. They proposed four-story fireproof apartment houses to be rented for an average price of \$9.75 per room per month. The total project cost was given as \$1,913,170.04. The Board recorded itself on December 6, 1933, as believing that the site in question needed improvement and that such modern low-cost apartment houses were needed in Cambridge. The Board did not pass upon the architectural or financial aspects of the project, assuming that these matters would be investigated by the Washington authorities.

Chapter 269 of the Acts of 1933 added to the duties of planning boards, the requirement that public hearings be held by the Board on all petitions for changes in the Zoning Law before the City Council can act. The Board held its first hearing under this act on December 22, 1933, on the following petitions:

William G. Brousseau applied for a change from District R—1 to District B—1 for his residence at 2343 Massachusetts Avenue. The near-by frontage on his side of the avenue is entirely devoted to business and the opposite side is nearly all business. Therefore, we recommended that his petition be granted.

Mary C. and Luigi Valente applied for a change from District R—1 to District B—3 for their residence at 2528 Massachusetts Avenue. The locality is now predominantly business but the Board believes that any change of zone in this locality should include a larger area than one lot and recommended that the petitioners be advised to apply for an extension of the adjoining B—1 district, to include not only their lot but a larger area on both sides of the avenue.

Anna Seymourian applied for change from District R—1 to District B—1 for their residence at 2560 Massachusetts Avenue. This locality is still predominantly residential and there is no apparent need for additional business buildings and the Board recommended no change until there is a demand from more than one petitioner for change covering more than one lot.

In all three of these cases the Board attempted to base its recommendations upon the fundamental zoning principle that zones should not be changed to allow a single individual to obtain more income from his property regardless of the rights of his neighbors. The Board does not believe in "spot" zoning; it believes that zoning changes should be made only in response to a general

neighborhood demand and that such a change should include more than one lot.

The appropriations and expenditures of the Board were as follows for the fiscal years ending:

	<i>March 31,</i> 1931	<i>December 31,</i> 1931	<i>December 31,</i> 1932	<i>December 31,</i> 1933	<i>December 31,</i> 1934
Appropriations	\$1,000 00	\$40 00	\$40 00	None	\$150 00
Expenditures	48 50	18 36	None	None	

Respectfully submitted,

JEREMIAH F. DOWNEY,
Chairman, Planning Board.

SECOND ANNUAL REPORT OF THE CAMBRIDGE RETIREMENT SYSTEM

January 1, 1933 to December 31, 1933

To His Honor, Mayor Richard M. Russell:

Pursuant to the provisions of the Legislative Acts of 1931, Chapter 453, the Cambridge Retirement Board presents its second annual report for the fiscal year ending December 31, 1933.

MEMBERSHIP STATISTICS

	Jan. 1, 1933	New Entrants	Deaths	Retired	Resigned	Dec. 31, 1933
With prior service:						
Men.....	145		3	5	1	136
Women.....	182		2	2	5	173
No prior service:						
Men.....	2	4				6
Women.....	6	7				13
	<u>335</u>	<u>11</u>	<u>5</u>	<u>7</u>	<u>6</u>	<u>328</u>

FINANCIAL STATEMENT

Balance Sheet as of December 31, 1933

Cash.....	\$1,179 04	Annuity Savings Fund.....	\$46,730 89
Savings Deposits:		Pension Accumulation Fund	43,257 93
Cambridge Savings Bank	9,276 42		
Cambridgeport Savings Bank.....	11,368 81		
Securities (Par):		Annuity Reserve Fund.....	1,179 04
Annuity Savings Fund...	36,000 00		
Pension Accumulation Fund.....	34,000 00	Pension Accumulation for	
Premiums on Annuity Savings Fund Investments.	814 60	Payments Account....	2,295 15
Accrued Interest, Annuity Savings Investments..	101 04	Discount on Investments Purchased for Pension Accumulation Fund....	206 21
Premiums on Pension Accumulation Fund Investments	681 19		
Accrued Interest, Pension Accumulation Fund Investments.....	248 02		
	<u>\$93,669 12</u>		<u>\$93,669 12</u>

INVESTMENTS

Cash:			
Cambridge Savings Bank		\$9,276 42	
Cambridgeport Savings Bank		11,368 81	
Harvard Trust Company		1,179 04	
			\$21,824 27
Bonds:			
City of Boston, Mass.	4½%	Due Oct. 1, 1963	25,000 00
City of Boston, Mass.	4%	Due Oct. 1, 1957	2,000 00
Boston Metropolitan District	4¾%	Due March 1, 1963	5,000 00
Boston Metropolitan District	4¾%	Due March 1, 1960	10,000 00
Boston Metropolitan District	4¾%	Due March 1, 1956	5,000 00
City of New Bedford, Mass.	4%	Due April 1, 1955	5,000 00
City of Lynn, Mass.	5%	Due Sept. 1, 1936	9,000 00
City of Cambridge, Mass.	4%	Due Jan. 1, 1941-42	1,000 00
City of Cambridge, Mass.	4%	Due June 1, 1945-50	6,000 00
City of Cambridge, Mass.	4%	Due June 1, 1951-52	2,000 00
Total Par Value of Investments			\$91,824 27

ANALYSIS OF CONDITION OF FUNDS OF SYSTEM

Annuity Savings Fund

	Cash	Savings Deposits	Securities	Total
January 1, 1933.....	\$461 88	\$23,437 60	.....	\$23,899 48
December 31, 1933.....	524 00	8,752 42	\$39,915 64*	46,192 06
Receipts		Disbursements		
Members' Contributions...	\$22,677 71	Securities Purchased (Par)..		\$36,000 00
Members' Contributions in Transit.....	524 00	Premiums on Securities Purchased.....		814 60
Earnings.....	628 69	Accrued Interest on Securities Purchased		264 24
Savings Deposits Withdrawn	38,453 46	Refunds to Members.....		665 16
Cash on Hand, Jan. 1, 1933	461 88	Transfers to Annuity Reserve Fund.....		861 27
		Additions to Savings Deposits.....		23,768 28
		Excess Earnings of 1932 Transferred to Pension Accumulation Fund as per Chap. 453, Acts of 1931.....		11 39
		Cash on Hand, Dec.31,1933.		524 00
	<hr/>			<hr/>
	\$62,745 74			\$62,745 74
	<hr/>			<hr/>

Pension Accumulation Fund

	Cash	Savings Deposits	Securities	Total
January 1, 1933	\$1,041 36	\$24,881 21		\$25,922 57
December 31, 1933	265 90	11,102 91	\$34,723 00*	46,091 81

* Book Value.

Pension Accumulation Fund — Continued

<i>Receipts</i>		<i>Disbursements</i>	
City Contribution.....	\$30,398 50	Securities Purchased (Par)..	\$34,000 00
Earnings.....	568 07	Premiums on Securities Purchased.....	681 19
Discount on Securities Purchased.....	206 21	Accrued Interest Purchased With Securities.....	264 24
Transfer from Annuity Savings Fund as per Chap. 453, Acts of 1931.....	11 39	Pensions Paid to Members..	10,792 50
Savings Deposits Withdrawn.....	44,755 47	Additions to Savings Deposits.....	30,977 17
Cash on Hand, Jan. 1, 1933	1,046 36	Cash on Hand, Dec. 31, 1933	*265 90
	<u>\$76,981 00</u>		<u>\$76,981 00</u>

Annuity Reserve Fund

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities</i>	<i>Total</i>
January 1, 1933.....	\$475 90	.....	.....	\$475 90
December 31, 1933.....	1,179 04	.....	.....	1,179 04

<i>Receipts</i>		<i>Disbursements</i>	
Transferred from Annuity Savings Fund.....	\$861 27	Annuities Paid to Members.	\$158 13
Cash on Hand, Jan. 1, 1933	475 90	Cash on Hand, Dec. 31, 1933	1,179 04
	<u>\$1,337 17</u>		<u>\$1,337 17</u>

Summary Condition of All Funds of System

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities</i>	<i>Total</i>
January 1, 1933.....	\$1,979 14	\$48,318 81	.....	\$50,297 95
December 31, 1933.....	1,968 94	19,855 33	\$71,639 00	93,462 91

<i>Receipts</i>		<i>Disbursements</i>	
City's Contributions.....	\$30,398 50	Securities Purchased (Par)..	\$70,000 00
Members' Contributions...	22,677 71	Premiums on Securities Purchased.....	1,495 79
Members' Contributions in Transit.....	524 00	Accrued Interest on Securities Purchased.....	365 28
Earnings.....	1,196 76	Refunds to Members.....	665 16
Discount on Securities Purchased.....	206 21	Pensions Paid to Members'	10,792 50
Savings Deposits Withdrawn	83,208 93	Annuities to Members.....	158 13
Cash on Hand, Jan. 1, 1933.	1,979 14	Additions to Savings Deposits.....	54,745 45
		Cash on Hand, Dec. 31, 1933	1,968 94
	<u>\$140,191 25</u>		<u>\$140,191 25</u>

EXPENSES OF THE SYSTEM

Salary of Accountant.....	\$1,795 03
Actuarial Service.....	500 00
Premium on Bonds.....	125 00
Printing.....	54 50
Office Supplies.....	10 20
	<u>\$2,484 73</u>

(Expenses of the System met from General Tax Levy.)

* Includes earnings of \$.79 not transferred from Checking Account.

TABLE ONE

The Number and Annual Retirement Allowances of Beneficiaries on
the Retirement Roll as of December 31, 1933

Group	Superannuation Retirements			Disability Retirements		
	No.	Annuities	Pensions	No.	Annuities	Pensions
General Employees:						
Men.....	11	\$154 19	\$10,066 60	0	0	0
Women.....	4	33 28	1,895 98	0	0	0
Firemen.....	0	0	0	0	0	0
Policemen.....	0	0	0	0	0	0
Totals.....	15	\$187 47	\$11,962 58	0	0	0

TABLE THREE

Distribution by Years of Total Service of the Number and Annual Salaries
of Members Not Eligible for Prior Service Credit

Years of Service	No.	Annual Salaries	Men	Annual Salaries	Women	Annual Salaries
0	5	\$6,816	3	\$4,680	2	\$2,136
1	4	5,156	2	3,620	2	1,536
2	22	25,612	5	7,904	17	17,708
	31	\$37,584	10	\$16,204	21	\$21,380

TABLE TWO

Distribution by Years of Total Service of the Number and Annual Salaries of Members Eligible for Prior Service Credit

Years of Service	No.	Annual Salaries	Men	Annual Salaries	Women	Annual Salaries
3	16	\$18,580	3	\$5,980	13	\$12,600
4	19	21,836	4	5,876	15	15,690
5	25	32,341	6	9,915	19	22,696
6	14	17,788	2	3,980	12	13,808
7	20	26,090	8	12,626	12	13,464
8	10	16,692	3	6,448	7	10,244
9	14	23,214	5	12,286	9	10,928
10	9	12,584	2	3,744	7	8,840
11	13	24,560	4	11,230	9	13,330
12	6	10,166	1	2,288	5	7,878
13	9	16,734	3	7,374	6	9,360
14	11	21,424	4	9,828	7	11,596
15	4	6,240	1	2,200	3	4,040
16	15	29,564	9	20,658	6	8,906
17	7	10,860	2	4,212	5	6,648
18	5	9,414	2	5,150	3	4,264
19	6	16,364	5	14,648	1	1,716
20	9	20,366	5	14,100	4	6,266
21	8	16,132	5	11,764	3	4,368
22	10	21,284	6	15,018	4	6,266
23	10	24,438	8	22,228	2	2,210
24	4	10,700	4	10,700	..	.....
25	5	14,538	4	12,822	1	1,716
26	7	17,466	5	14,060	2	3,406
27	5	10,212	3	6,780	2	3,432
28	5	11,021	4	9,305	1	1,716
29	2	4,084	2	4,084	..	.....
30	7	17,018	6	15,302	1	1,716
31	7	19,292	6	17,376	1	1,916
32	2	3,720	1	2,004	1	1,716
33	1	2,652	1	2,652	..	.....
34	1	2,520	1	2,520	..	.....
35	1	2,548	1	2,548	..	.....
36	..	.....	..	.....	..	.....
37	2	3,580	1	1,664	1	1,916
38	1	2,730	1	2,730	..	.....
39	4	9,958	3	8,268	1	1,690
40	2	4,516	1	2,800	1	1,716
41	..	.....	..	.....	..	.....
42	1	2,054	1	2,054	..	.....
43	..	.....	..	.....	..	.....
44	1	1,716	..	.....	1	1,716
47	1	2,004	..	.....	1	2,004
	299	\$539,000	133	\$319,222	166	\$219,778

TABLE FOUR

Distribution by Ages of the Number and Annual Salaries of Members Eligible
for Prior Service Credit as of December 31, 1933

Age	No.	Annual Salaries	Men	Annual Salaries	Women	Annual Salaries
20	1	\$967	1	\$967	..	.....
22	3	2,724	..	.....	3	2,724
23	3	3,796	..	.....	3	3,796
24	6	6,552	1	1,092	5	5,460
25	6	7,670	1	1,560	5	6,110
26	4	5,068	1	1,664	3	3,404
27	5	8,446	4	6,730	1	1,716
28	5	7,638	1	2,080	4	5,558
29	10	15,292	2	4,316	8	10,976
30	2	3,796	1	2,184	1	1,612
31	8	12,792	2	4,320	6	8,472
32	2	4,160	2	4,160	.	.....
33	7	13,294	4	9,130	3	4,164
34	7	10,608	2	3,220	5	7,388
35	5	9,076	2	4,500	3	4,576
36	4	7,302	1	2,470	3	4,832
37	6	8,840	1	2,184	5	6,656
38	5	8,008	1	1,976	4	6,032
39	2	5,070	2	5,070	..	.....
40	3	4,888	..	.....	3	4,888
41	3	3,736	..	.....	3	3,736
42	2	4,680	2	4,680	..	.....
43	6	11,672	1	4,600	5	7,072
44	6	8,888	1	1,560	5	7,328
45	7	11,156	3	5,840	4	5,316
46	9	17,144	3	8,612	6	8,532
47	8	14,602	2	5,940	6	8,662
48	5	7,926	3	6,606	2	1,320
49	6	9,388	2	4,576	4	4,812
50	4	12,514	3	10,798	1	1,716
51	7	13,644	4	9,648	3	3,996
52	11	22,570	6	15,378	5	7,192
53	11	25,893	9	22,799	2	3,094
54	10	15,450	5	10,180	5	5,270
55	15	29,542	7	20,062	8	9,480
56	7	10,218	2	4,394	5	5,824
57	8	15,666	3	8,878	5	6,788
58	7	14,440	4	10,540	3	3,900
59	8	19,748	5	16,056	3	3,692
60	10	19,695	9	18,451	1	1,144
61	11	19,710	6	13,938	5	5,772
62	9	19,914	5	13,102	4	6,812
63	6	12,849	4	10,353	2	2,496
64	9	12,220	3	5,564	6	6,656
65	4	6,252	1	2,300	3	3,952
66	1	2,548	1	2,548	..	.....
67	6	13,676	5	12,558	1	1,118
68	4	8,344	3	6,784	1	1,560
69	3	5,984	2	4,854	1	1,130
70	2	3,044	..	.....	2	3,044
	299	\$539,000	133	\$319,222	166	\$219,778

TABLE FIVE

Distribution by Age of the Number and Annual Salaries of Members Not Eligible for Prior Service Credit as of December 31, 1933

Age	No.	Annual Salaries	Men	Annual Salaries	Women	Annual Salaries
20	1	\$936	..	.....	1	\$ 936
23	2	1,476	..	.....	2	1,476
24	2	1,920	..	.....	2	1,920
25	2	2,860	1	\$1,560	1	1,300
26	5	6,820	2	3,360	3	3,460
27	1	1,560	1	1,560	..	.....
28	1	1,560	1	1,560	..	.....
29	1	1,040	..	.....	1	1,040
31	2	2,400	..	.....	2	2,400
33	1	1,404	1	1,404	..	.....
34	3	4,580	2	3,380	1	1,200
35	1	1,200	..	.....	1	1,200
37	1	1,200	..	.....	1	1,200
38	1	936	..	.....	1	936
40	1	936	..	.....	1	936
41	1	936	..	.....	1	936
43	1	1,560	1	1,560	..	.....
46	1	1,300	..	.....	1	1,300
49	1	600	..	.....	1	600
50	1	1,820	1	1,820	..	.....
53	1	540	..	.....	1	540
	31	\$37,584	10	\$16,204	21	\$21,380

CAMBRIDGE RETIREMENT SYSTEM

Valuation Balance Sheets Showing Assets and Liabilities of the Funds of the Cambridge Retirement System as of December 31, 1933

<i>Assets</i>	<i>Present Value of Payments to be Received</i>
Annuity Savings Fund.....	\$46,730 89
Pension Accumulation Fund.....	45,759 19
Annuity Reserve Fund.....	1,179 04
Total Present Assets.....	\$93,669 12
Present value of prospective contributions payable by the City of Cambridge into the Pension Accumulation Fund as follows:	
Normal contributions of 2.1% of future salaries.....	\$105,300 00
Accumulated liability contribution of 3.5% of future pay roll until liabilities of Pension Accumulation Fund on account of past services are liquidated.....	722,980 83
Total contributions to Pension Accumulation Fund.....	828,280 83
TOTAL ASSETS.....	\$921,949 95

NOTE: No account is taken of the future contributions to the Annuity Savings Fund because the benefits purchasable are exactly equal to the accumulations on hand and therefore they do not affect the balance.

CAMBRIDGE RETIREMENT SYSTEM

<i>Liabilities</i>	<i>Present Value of Payments to be Made</i>
Present value of benefits payable on account of beneficiaries now drawing allowances from the Annuity Reserve Fund.....	\$1,096 96
Present value of benefits payable on account of beneficiaries now drawing allowances from the Pension Accumulation Fund.....	91,943 10
Present value of benefits to members with prior service credit to be paid by the City of Cambridge into the Pension Accumulation Fund:	
Superannuation pensions on account of service as members, equal to the annuities provided by the contributions of employees.....	\$66,122 00
Additional superannuation pensions on account of service rendered prior to Jan. 1, 1932.....	662,206 00
Ordinary disability pensions provided by City.....	33,112 00
Accidental disability pensions provided by City.....	821 00
Accidental death benefits provided by City.....	13,083 00
	<hr/> 775,344 00
Present value of benefits to new entrants to be paid by contributions of the City of Cambridge into the Pension Accumulation Fund:	
Superannuation pensions on account of service as members, equal to annuities provided by contributions of employees.....	\$5,779 00
Ordinary disability pensions provided by City.....	742 00
Accidental disability pensions provided by City.....	20 00
Accidental death benefits provided by City.....	294 00
	<hr/> 6,835 00
Present value of benefits on account of which contributions have been accumulated to date on the Annuity Savings Fund.....	46,730 89
TOTAL LIABILITIES.....	<hr/> <u>\$921,949 95</u>

RICHARD C. EVARTS, *Chairman*,
 JOHN J. MCKENZIE, *City Auditor*,
 JOHN H. HOLT, *Secretary*,

Cambridge Retirement Board.

REPORT OF THE
BOARD OF PARK COMMISSIONERS

Cambridge, December 31, 1933.

To the Honorable City Council:

The Board of Park Commissioners has the honor to submit its forty-first annual report for the fiscal year, January 1, 1933 through December 31, 1933, which contains the reports of the Acting General Superintendent of Parks, and the Superintendent of Recreation.

Respectfully,

JEREMIAH J. COUGHLAN, *Chairman*,
SAMUEL W. PILL,
WAYLAND M. MINOT,
LEO J. BREAU,
CARROLL W. DOTEN,
MICHAEL F. SCANNELL,
JESSIE W. BROOKS,
HELEN C. ALMY,

Board of Park Commissioners.

ANNUAL REPORT OF ACTING GENERAL SUPERINTENDENT OF PARKS

To the Board of Park Commissioners:

I herewith respectfully submit my report as Acting General Superintendent of Parks for the year ending December 31, 1933. The report embodies a brief account of the work performed upon the various properties under care of the department and the general condition of the same.

CAMBRIDGE COMMON

The trees throughout the Common were trimmed and cavities filled. The shrubbery was pruned and cared for, and a border of shrubbery planted on a part of the Massachusetts Avenue side. The shrubs for this planting were donated by the Cambridge Plant Club, which organization was the donor of similar shrubs for the Garden Street side of the area during 1932.

Crevices in the base of the Soldiers' Monument were cemented as a protection against the weather, and small repairs were made on the granolithic walks. Regular attention was given to the grass, repair of fences and seats, and the playground surface. The flagpole was painted and new halyards attached.

One of the smaller trees on the Garden Street side of the Common was assigned by your Board for dedication by the American War Mothers on the occasion of their convention in Cambridge on April 25, 1933. A bronze marker, suitably inscribed, was placed in the ground at the base of the tree.

The annual Patriots Day exercises were conducted at the memorial flagstaff, and the Cambridge Lodge of Elks observed Flag Day with exercises near the Soldiers' Monument.

BROADWAY COMMON

The condition of the park area of Broadway Common is such that effort can only be made toward preventing further deterioration. If this area is to be restored to a sightly condition, an expenditure for loam, grass seed and shrubs will be necessary, and a substantial protective fence will be needed to exclude persons from the planted sections. The flagpole was repainted during 1933 and new halyards supplied. The chain-link fence

enclosing the playground was repaired. The iron fence on the Norfolk Street side of the Common is in need of repair.

LIBRARY GROUNDS

The lawn, shrubs and trees on the library grounds were cared for as usual. A rail fence was erected on the westerly side of the area as a protection to the shrubbery bordering the driveway in front of the new Rindge School. The fine group of public buildings which surround these grounds would be enhanced by a general improvement of the plot. The lawn on the Cambridge Street side should be regraded and seeded and additional loam furnished for the shrubbery beds.

FORT WASHINGTON

This historic spot is now in a most unsightly condition. As has been reported previously, sections of the fence have been broken and the lack of fence protection has caused a general deterioration of the grounds. Unless extensive repairs are made to the fence, it is futile to attempt an improvement of the earthworks and lawn. Furthermore, the repairs to the fence should not be attempted unless a curbing is placed on Talbot Street. The origin of the general destruction of the grounds is the damage done to the fence by trucks using Talbot Street, and the curbing would restrain the trucks from damaging the fence.

CITY HALL GROUNDS

Because of the shortage in the number of regular employees, the care of the grounds surrounding City Hall was allotted during part of the season to laborers from the public welfare list. In the fall the front terraces were turned over, regraded and seeded in an effort to improve the lawns in front of the building. In the spring these lawns will need to be topdressed before the work is completed.

LONGFELLOW PARK

A section of the lawn on the Mt. Auburn Street side of the park was seeded in the spring, and the trees and shrubbery throughout the Park were cared for. The lighting system in the park was rewired and globes furnished for the lights. The lawn on the upper terrace needs to be turned over and reseeded and the roadway surrounding the lawn should be resurfaced.

SMALLER PARK AREAS

The fence surrounding Winthrop Square was repaired during the year and the lawn and shrubbery cared for.

During the summer, the Street Department laid new granolithic walks across Hastings Square. The trees and shrubbery were pruned and the lawns trimmed regularly. To improve the entire plot, new shrubs should be planted and loam furnished for the shrubbery beds.

Regular care was given to the Dana Square plot and a section of the fence repaired.

RUSSELL FIELD

While labor was available from the Cambridge Unemployment Relief Lists, the main entrance gates and ticket office were reconditioned, only the expense of material being borne by the city. In like manner a carpenter from the welfare list restored a portion of the fence surrounding the field. Small amounts of loam and grass seed were applied to the bare spots on the turf, and the broken fittings on the back-stop were replaced. The area underneath the small stand was enclosed by the erection of an eight foot chain-link fence, some of the material from the fence formerly enclosing the old Merrill School playground being used for the purpose. The roadway approaching the main gates and a portion of the roadway inside the gates were improved and small repairs were made in the locker building. The bleachers were repaired and the hand rails along the extremities of both bleachers were made secure.

As a part of a larger Civil Works Administration project, a group of men were put to work on the outer field late in December. Because of the severe weather prevalent up to the time of submitting this report, it has been impossible to start on the regrading of the outer field near Rindge Avenue. Meanwhile the men have been employed in improving the area in the vicinity of the two skating rinks. When weather conditions make it possible, the grading will be started.

ATHLETIC FIELDS

The playing surface on most of the larger playgrounds in the city is not in suitable condition, but the exceedingly large cost of resurfacing makes the undertaking prohibitive. Cambridge Field, John J. Ahearn Playground, Russell E. Hoyt Playground

and Rindge Field should all be resurfaced. Effort has been made to maintain the present surfaces in the best possible condition by keeping the fields raked and rolled and also filling in depressions as they occur. Skating and other seasonal activities have been provided whenever possible.

The buildings at Rindge Field, Russell E. Hoyt Playground and Cambridge Field are in need of various repairs, but the amount of money at our disposal makes it impossible to attend to any but emergency needs. It is inevitable that the constant use of the buildings by the public throughout the entire year will occasion small repairs, but it is impossible to keep the buildings in suitable condition unless money is provided for the purpose.

The playground at Raymond Street, formerly known as Ward Ten Playground, was dedicated as the Timothy F. Corcoran Playground with appropriate exercises on Friday evening, July 14.

The lot on Concord Avenue, formerly known as Cofran's Pit, and which had been previously placed in charge of the Park Department, was, by order of the City Council, named the Rev. P. H. Callanan Playground. As this report is being submitted, a large group of men under the Civil Works Administration is engaged in grading this area. A fence is also to be erected to enclose the property, and when the entire work is completed, a large athletic field will be available for this section of the community. I hope that the Board of Park Commissioners will urge that this new field be properly equipped for the use which it is sure to receive.

The temporary clubhouse which has been erected at the new golf course has been so partitioned that a dressing room will be available for the athletic teams using the Fresh Pond Playground.

SMALLER PLAYGROUNDS

The playgrounds in this group are of such size that baseball, football and major sports are prohibited and such games are permitted as involve the use of a soft ball. The one drawback in the supervision of these grounds is that during the periods when they are not supervised hard balls are frequently used and property damage results. Broadway Common and Corporal Burns Playgrounds are included in this group, as are also the Fletcher, Lowell, Sleeper, Morse and Peabody School grounds and the por-

tion of the City Yard on Norfolk Street which was given over to the department for play purposes during the past year.

A new section of fence and new gates were erected at the Peabody School ground, the entire playing area now being fenced in.

The building at Corporal Burns Playground was given some needed small repairs as to plumbing and carpentry. During the coming season, it will be necessary to repair the fire-box in the heater.

BATHING BEACHES

By permission of the Metropolitan District Commission, two temporary wooden buildings, which served as dressing rooms, were erected by employees of the Park Department at Gerry's Landing. These buildings, formerly used as voting booths, have been in use for so many seasons that it is doubtful if they can be used again for the purpose. The arrangement is most unsuited to proper conditions at the beach.

The shore of the pond, known as Jerry's Pit, in North Cambridge, was partially graded to improve the approach to the water. A life line was placed across the pond to restrain the bathers within a distance which is adapted for proper supervision by the life guards.

MUNICIPAL GOLF COURSE

The golf course at Fresh Pond, which has been under construction during the past two years under the supervision of the Cambridge Unemployment Relief Committee, was turned over to the City on October 1. The Mayor has assigned the course to the care of the Park Department, some expenditures for materials and equipment of the course having already been made through the Park Department. The course has been completed as to its major needs, but there remains considerable work to be done before it will be ready for use. A small group of men, obtained from the Civil Works Administration, is now engaged on improving the drainage and such other work as the winter weather will permit. In the spring, under the supervision of the greenskeeper of the course, there will be need for top-dressing the greens, filling in low spots on the fairways, reseeding or sodding various places on the course, and other miscellaneous undertakings.

A temporary clubhouse has been erected on Huron Avenue,

the portable school building formerly located on the Felton School lot being used for the purpose. The interior improvements were made possible from the Kinnear Fund, the 1933 interest from the fund having been allotted for this purpose.

A tool-house has been erected on the Blanchard Road side of the course. Most of the material for this building, which will house the machinery and supplies for the course, was obtained from the old recreation building on the grounds of the Tuberculosis Hospital. The Board of Health permitted the razing of the old building and carpenters and other workmen from the Cambridge Unemployment Relief Committee and the Public Welfare lists erected the tool house also.

The Park Department, through a special appropriation for the purpose, purchased a tractor with dump body, mowers, rollers, and other equipment for the course. Although no definite date can be set at this time, the course should be ready for play about the first of June, 1934.

EXTERMINATION OF PESTS

In keeping with the established custom of the department, a crew of employees traversed the entire city during the winter months in search of moth nests. The destruction of the nests at this season prevented an infestation of pests during the summer months. The public shade trees were sprayed during the warm weather as usual, and the year of 1933 did not prove abnormal from the standpoint of the control of insects. The oriental hag moth is still prevalent on the maple trees in most sections of the city.

If more labor were available for the purpose, the city could be kept in much better condition as to moth extinction by the spraying of trees on private property as well as those located on the public ways. It is difficult to protect the public trees while the trees on private property are not given attention.

CARE OF SHADE TREES

Every possible attention was given to the trees on the public ways. This service included pruning, removal of dead or broken limbs, decapitation of dangerous trees and the removal of stumps. The labor force at our disposal is not sufficient to keep pace with the need for proper care of the city trees. By augmenting the

present force, the trees of Cambridge, which have long been one of the prides of our city, could be kept in better condition.

There being no appropriation for the purpose, no new trees were planted during the year, except in a few instances where the property owners provided the trees and the department did the planting. It is to be hoped that the budget for the coming year will include an appropriation sufficient to plant trees in at least some of those locations where trees have been removed. The table showing the accomplishment of the forestry division of the department is appended to this report.

CONCLUSION

It is but the part of duty to emphasize the condition of most of the property in control of the department. Without available finances and with a depleted staff of employees, it is impossible to maintain park and playground areas and buildings in the condition which will keep them both attractive and serviceable.

Much of the accomplishment of the past year is due to the labor acquired from the Cambridge Unemployment Relief Committee and from the Public Welfare list.

The purchase of certain needed equipment would do much to offset the lack of a larger force of men. At the present time it is difficult to keep pace with the maintenance problems, particularly in view of the increasing use of the facilities mentioned.

In concluding this report, I beg to acknowledge the coöperation received from the members of the Board of Park Commissioners, the employees of the department and the heads of other departments. In particular, I desire to express my appreciation of the valuable aid and advice received from Mr. John F. Donnelly on his retirement from the position of General Superintendent.

The financial report follows:

FINANCIAL STATEMENT

January 1, 1933 to December 31, 1933

Maintenance, General, Personal Service	
Administration salaries.....	\$1,916 00
Permanent employees.....	49,313 06
Part-time employees.....	491 98
Total.....	<hr/> \$51,721 04

Service Other than Personal

Printing.....	\$30 00
Postage.....	15 50
Advertising.....	4 50
Express and freight charges.....	8 57
Hire of teams.....	38 63
Light and power.....	487 58
Lighting parks.....	1,022 17
Rental of garage.....	220 00
Communication.....	186 81
Motor vehicles, repairs and care.....	193 49
Medical.....	202 55
Service not otherwise coded.....	521 70
Laundering towels.....	597 61
Total.....	<u>\$3,529 11</u>

Equipment

Motor vehicles.....	\$196 00
Recreational.....	119 43
Wearing apparel.....	15 76
Total.....	<u>\$331 19</u>

Supplies

Office.....	\$115 27
Water and ice.....	52 25
Fuel.....	2,898 81
Laundry cleaning, and toilet.....	394 18
Recreational.....	61 06
Agricultural.....	133 92
Motor vehicles.....	500 58
Chemicals and disinfectants.....	40 42
Supplies not otherwise coded.....	1,273 60
Towels.....	92 50
Total.....	<u>\$5,562 59</u>

Materials

Highway.....	\$36 57
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Special Items

Golf course (Kinnear Fund).....	\$742 63
Golf course (Special Appropriation).....	3,012 67
Workingmen's compensation.....	123 43
Total.....	<u>\$3,878 73</u>

Maintenance, Forestry, Personal Service

Permanent employees.....	\$18,056 36
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Service Other than Personal

Postage.....	\$3 00
Advertising.....	5 00
Motor vehicles, repairs and care.....	115 34
Medical.....	240 00
Service not otherwise coded.....	35 95
Total.....	<u>\$399 99</u>

Supplies

Office.....	\$35 89
Motor vehicles.....	265 27
Chemicals.....	99 26
General.....	135 15
Total.....	<u>\$536 27</u>

Special Items

Workingmen's compensation.....	\$169 71
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Respectfully submitted,

STEPHEN H. MAHONEY,

Acting General Superintendent of Parks.

January 1, 1934.

WORK ON SHADE TREES — 1933

Street	Trimmed	Removed	Head Removed	Danger- ous Limbs Removed	Treated	Bolted, Cabled	Poles or Guards Placed
Aberdeen Avenue.....	4						1
Alden Road.....							
Allen Street.....	2						
Allston Street.....	2			1			
Amory Street.....	3						1
Antrim Street.....	1						
Appleton Street.....	17	1		4	1	1	
Arlington Street.....	10						
Auburn Street.....		1	1				
Austin Street.....	4			1			
Avon Street.....	2	1					3
Agassiz School Yard...	1						
Baldwin Street.....		1	1	1			
Banks Street.....	2						
Bay Street.....	1			1			
Beech Street.....	3						
Bellevue Avenue.....	10						
Belmont Street.....	1						
Berkeley Street.....		3					
Bigelow Street.....	6	2		5			1
Blake Street.....				1			
Bolton Street.....	1						
Bow Street.....		1					
Bowdoin Street.....	1			1			
Boylston Street.....	28	3					
Brattle Street.....	13	1		6			1
Broadway.....	47	6	5	3	2		1
Broadway Park.....	36						
Brookline Street.....	6	6	4				
Brown Street.....	2	1					
Bryant Street.....				1			1
Buckingham Street....	3						
Cambridge Common...	146	1		1	2		
Cambridge Field.....	18	1	1	2			
Cambridge Street.....	4	1			1		
Carver Street.....	2			1			
Center Street.....	1						
Channing Street.....	2			2			
Chauncy Street.....	18	2	3	2			
Chestnut Street.....	19	4	3	3			
Chilton Street.....		2			5		5
Clay Street.....	2	1		2			
Clinton Street.....	3	2		1			
Cogswell Avenue.....				1			
Columbia Street.....	12	1					
Columbus Avenue.....	3						
Concord Avenue.....	2			2			
Coolidge Avenue.....	6				3		1
Coolidge Hill Road....	3			1		1	
Cottage Street.....	6						

WORK ON SHADE TREES — *Continued*

Street	Trimmed	Removed	Head Removed	Danger- ous Limbs Removed	Treated	Bolted, Cabled	Poles or Guards Placed
Craigie Street.....		1		2			
Creighton Street.....	1	1	1	1			
Crescent Street.....	11		1				
Corporal Burns Playground.....	22						
Dana Street.....		1	1	1			
Dana Square.....	13						
Davenport Street.....	9	1	1	1			
Day Street.....	1	1					
Decatur Street.....		1					
Douglas Street.....	2						
Dudley Street.....		1					
Ellery Street.....	4			1			
Elm Street.....	7						
Erie Street.....	1						
Essex Street.....							1
Eustis Street.....	2						
Everett Street.....	1						
Fairfield Street.....	2						
Fairmont Street.....	2			1			
Fayerweather Street...	2						
Florence Street.....		1	1		1		1
Follen Street.....	1						
Forest Street.....	1	1	1				
Fort Washington.....	15						
Foster Street.....	6			1			
Fourth Street.....	11		2				
Francis Street.....	4						
Franklin Street.....	1		2	1			
Fresh Pond Lane.....		2					
Frost Street.....	4	2		2			
Garden Street.....	32	3					
Garfield Street.....	6	2		1			
George Street.....	3						
Gibson Street.....	1						
Glenwood Avenue.....	10						
Glover Square.....	10						
Gore Street.....	5						
Granite Street.....	28	1					
Granville Road.....	2						
Gray Street.....	4			3			
Green Street.....	1						
Greenough Avenue....	2			1			
Grozier Road.....		1			1		
Hamilton Street.....	3	1					
Hammond Street.....	5	1					
Hampshire Street.....	8			5			

WORK ON SHADE TREES — *Continued*

Street	Trimmed	Removed	Head Removed	Danger- ous Limbs Removed	Treated	Bolted, Cabled	Poles or Guards Placed
Hancock Street.....	3						
Harvard Street.....	5	1		2			
Harvard Square.....		1					
Haskell Street.....	8			1			
Hastings Street.....	1						
Hastings Square.....	27	1		1			
Hawthorne Street.....	3	1	1	1			
Henry Street.....	7	2					
Highland Avenue.....	3	1		2			
Highland Street.....	38	1					
Hillside Avenue.....	5						
Hingham Street.....	1						
Hollis Street.....	4	1	1				
Howard Street.....		2					
Hoyt Field, R. E.....		1					
Hunting Street.....	1						
Hurlburt Street.....	2			2			
Huron Avenue.....	3				1		1
Inman Street.....	6	1					
Irving Street.....	21	2		3			
Jackson Street.....	2						
Jefferson Street.....	3						
Kenway Street.....	3						
Kinnaird Street.....	5						
Kirkland Street.....	27	2	1	1			
Kirland Road.....	1						
Lake Street.....	9						
Langdon Street.....	5						
Larchwood Drive.....	2						
Lawrence Street.....	6						
Lexington Avenue.....	3	1					1
Library Grounds.....	47	1		3			
Lincoln Street.....	5						
Linnaean Street.....	25	4	1	2			
Locke Street.....	1						
Longfellow Road.....		1					
Lowell Street.....	6						
Madison Avenue.....	6				1		1
Magazine Street.....	57	2		4			
Maple Avenue.....	1	1		1			
Market Street.....	1						
Martin Street.....	1			2			
Massachusetts Avenue.	70	5	3	5	1		1
Maynard Place.....	1						
Merrill Street.....	5						
Middlesex Street.....	5						
Milton Street.....	1	1	1				

WORK ON SHADE TREES — *Continued*

Street	Trimmed	Removed	Head Removed	Danger- ous Limbs Removed	Treated	Bolted, Cabled	Poles or Guards Placed
Montgomery Street....	2	1	1	1			
Mt. Auburn Street....	131	3		1			
Mt. Pleasant Street....	1						
Mt. Vernon Street....	41	2					
Museum Street.....	1						
Norfolk Street.....	7						
Norris Street.....	1						
Orchard Street.....	12			1			1
Otis Street.....	13	1		1			
Oxford Street.....	8			1	1		1
Park Avenue.....		1					
Park Street.....		3					
Peabody Street.....	2						
Pearl Street.....	23	2	2	1			
Pemberton Street.....	1						
Perry Street.....	3			1			
Pleasant Street.....	1	3	2	1			
Plymouth Street.....	4						
Poplar Road.....	2						
Porter Street.....	2						
Portland Street.....	2						
Prentiss Street.....	1						
Prescott Street.....	12						
Prince Street.....	3		2	1			
Prospect Street.....		2			1		1
Putnam Avenue.....	7	4	2	1	1		
Quincy Street.....	2						
Raymond Street.....	5						
Reed Street.....	2			2			
Reidesel Avenue.....	3						
Reservoir Street.....	7	1			1		1
Rindge Avenue.....	7	1	1		1		2
Rindge Field.....	58						
Rindge School Drive...				6			
River Street.....		1					
Rockingham Street....	2	2					
Roseland Street.....	6	1					
Royal Avenue.....		1					
Russell Street.....	8			1			
Sacramento Street....	11	1	1	4			
Shepard Street.....				1			
Sherman Street.....	1	1					
Sidney Street.....				1			
Sixth Street.....	3		1				
Sparks Street.....	1	2		2			
Standish Street.....		1					

WORK ON SHADE TREES — *Continued*

Street	Trimmed	Removed	Head Removed	Danger- ous Limbs Removed	Treated	Bolted, Cabled	Poles or Guards Placed
Suffolk Street.....	1						
Sumner Road.....		1		1			
Third Street.....	6						
Thorndike Street.....	3				1		1
Tremont Street.....	12	2	2		1		1
Trowbridge Street.....	3	1			1		
Tufts Street.....	1						
Union Street.....	1			1			
Upland Road.....				1			
Upton Street.....	2						
Valentine Street.....	2	1					
Vassal Lane.....		1					
Walden Street.....	2	3			2		2
Walker Street.....	1						
Walnut Avenue.....	9	1					
Ware Street.....	2						
Washington Avenue...	13	1					
Waverly Street.....	2		1				
Webster Avenue.....	6						
Webster School Yard ..	2						
Wendell Street.....	7	1	1				
Whittier Street.....		1					
Windsor Street.....	4						
Winter Street.....	3						
Yorktown Street.....	1						
	1,611	144	52	124	29	2	33

ANNUAL REPORT OF THE SUPERINTENDENT OF RECREATION

To the Board of Park Commissioners:

I respectfully submit the eleventh annual report of the Recreation Division of the Park Department. The report contains a brief account of the activities of the Division during the year ending December 31, 1933, with recommendations of the Superintendent of Recreation as to future undertakings and policies considered by him desirable for the conduct of the municipal recreation program.

In general, due to the financial situation, the Department has endeavored to conduct existing activities on the basis of the greatest service to the community, no extensions or improvements of the facilities being feasible at this time.

PLAYGROUNDS

The supervision of playgrounds was conducted substantially the same as in previous seasons. During the summer season, eighteen areas were supervised, a small playground on Norfolk Street, formerly a portion of the city yard, being the only new area under supervision. The larger playgrounds and athletic fields were also under supervision during the spring and fall after school hours, and on Saturdays and Sundays for the benefit of adults. Interplayground leagues and contests were conducted as usual and the program of activities for the children of the city was much the same as in former years. The omission of special supervision in such features as dramatics, dancing, music and handcraft have been a handicap to the general program of the Department, and I hope that in the near future some or all of the supervision for these special activities can be restored. Contrary to the opinion of some individuals who regard such activities as non-essentials in a playground program, I maintain that these activities are most essential for the leisure time program of children and adults in as much as they have high educational as well as recreational value.

The fencing and grading of the plot on Concord Avenue, known as Cofran's Pit, now going on as a civil works project, will provide a large and much-needed area for the playground and

athletic activities of the Department. When the surface of this playground is eventually settled, and the playground equipped for use, it should prove to be one of the most popular play areas in Cambridge. I again desire to call attention to the need for better play facilities in Ward 3 and in the district served by the Agassiz School.

RECREATION CENTERS

The indoor evening program of the Department was conducted in six buildings as follows: Corporal Burns, Rindge, Russell E. Hoyt, Roberts School, Russell School and Thorndike School. The supervision for the activities conducted at these places was given almost wholly by volunteers, most of whom were former employees of the Department. I take this occasion to commend the fine service rendered by this group of young people whose interest in the activities of the Department was displayed by loyal and efficient service without remuneration.

The curtailment of the activities in connection with the recreation centers made it necessary to omit much of the program which had formerly been carried on. As in the case of the playgrounds, lack of adequate supervision made it necessary to omit dramatic, musical and handwork classes, and the facilities for participation by women and girls were greatly handicapped. With a full realization of the need for economy of operation, I call attention to the undesirability of handicapping our recreation program for our youth and adults at a time when, because of unemployment, recreational and morale-sustaining activities are needed more than ever.

BATHING

Municipal supervision was again provided at the beach at Gerry's Landing and at Jerry's Pit in North Cambridge.

While both of these bathing places are greatly patronized, the conditions prevailing at each place are far from satisfactory. Gerry's Landing Beach and its general approach present a barren spectacle and the dressing and sanitary facilities are most undesirable. With the Metropolitan District Commission now urging a new bridge across the Charles River approximately at the location of the beach, it appears to be an opportune time to suggest to that body the inclusion within its project of a plan to provide a

modern bathing beach in the immediate vicinity of the proposed bridge.

At the time of writing this report, some improvement is being made in the grading of the land near Jerry's Pit. Adequate bathing facilities, however, will not exist at this place until some type of bathhouse is erected in conjunction with the beach.

WINTER SPORTS

The toboggan slide at Fresh Pond was operated as in former years, although the loss of one of the slides by fire during the previous year was a handicap to the accommodation of the patrons. At least two slides should be erected in order to take care of the amount of patronage received at this popular place. The skating areas on the larger playgrounds were supervised when conditions called for supervision.

As I have pointed out in previous reports, there is in our city a lack of satisfactory provision for coasting on the city streets. In my opinion, the ordinance under which coasting is allowed is not adequate to meet present-day conditions of automobile traffic and congested population. It would appear that coasting supervision properly belongs within the jurisdiction of the Department handling the recreational activities of the city and that steps should be taken to bring about this arrangement.

GOLF COURSE

The nine-hole golf course at Fresh Pond which had been under construction for some months by workmen employed by the Cambridge Unemployment Relief Committee was turned over to the city on October 1, 1933. Although the course has not been entirely completed, sufficient progress has been made to warrant the expectation that play upon the course may be started by the coming summer. There is still need for further work upon the course and if a sufficient appropriation for personnel and materials is made available in the coming budget, this latest addition to the city's recreational facilities should soon be in operation.

GARDENING

The Cambridge Skating Club again allowed the use of its property for the cultivation of gardens by the children. Seventy-

five gardens were plotted and conducted under supervision and the results obtained were most satisfactory. In coöperation with the Cambridge League of Women Voters and the Cambridge Unemployment Relief Committee, back-yard gardens were again promoted and supervised by the Department. The league circularized the city schools and furnished the seed for the gardens; itinerant supervision was furnished by the Cambridge Unemployment Relief Committee; and the whole project was under the supervision of the Recreation Division. More than five hundred children enrolled in the back-yard garden campaign and a large percentage of these maintained their gardens throughout the summer and produced a variety of vegetables and flowers. At the annual exhibit of the Massachusetts Horticultural Society, the children's gardens from Cambridge again received the highest award among those competing in Class 2, and thirteen of the children received individual awards for their display of certain products.

RECOMMENDATIONS

The following recommendations are submitted as desirable for the improvement of municipal recreational facilities when financial conditions permit their fulfillment:

The erection of bleachers at Cambridge Field.

The securing of playground areas in Ward 3 and the district served by the Agassiz School.

Improvement of bathing conditions at Gerry's Landing and Jerry's Pit.

Erection of a recreation building in the eastern end of the city.

The erection of a recreation building in connection with the new Rev. P. H. Callanan playground.

Laying out at least four tennis courts on the new Rev. P. H. Callanan playground.

Provision by City Ordinance for including supervision of coasting under the Recreation Division.

CONCLUSION

Knowing the attitude of the Board on the development of recreational facilities in the city, I am confident that the improve-

ments recommended previously and approved by the Board will be retained as objectives for the future.

Since there is every indication that the solution of our national economic difficulties will involve also a new social order, and since the tendency is definitely toward a greater amount of leisure for the individual, it would appear that provision for the proper use of leisure time should and will occupy a more important place in the program of municipal government in the future. I feel it my duty, therefore, to emphasize to the Board the need for planning adequately and striving urgently for a program which will meet the needs of the community.

Civic leaders in every walk of life are emphatic in the contention that the relatively small expenditure of public funds for recreation brings a profitable return in the health, safety and moral improvement of both the youth and adult members of the community. In the case of our own city, the statistics of last year show but .0117 of each dollar was expended for parks and playgrounds and the supervision of the activities connected therewith. I have no hesitancy in stating that this expenditure of less than 1½ per cent of our tax money has been a successful investment for the tax payer.

I beg to express my appreciation for the coöperation received from the School Department and the other departments of the city upon which the success of much of our recreation program is dependent. I desire to acknowledge also the coöperative spirit shown by other agencies in the community which are engaged in social recreational activities. The nature of a community recreational program makes it essential that the several factors involved in leisure-time and character-building programs should work in harmony. I am pleased to state that Cambridge is fortunate in this respect.

FINANCIAL STATEMENT

January 1, 1933 to December 31, 1933

Personal service	
Administrative salaries.....	\$6,316 00
Permanent supervision.....	5,460 75
Part-time supervision.....	12,894 11
Total.....	<u>\$24,670 86</u>
Service other than personal:	
Printing and binding.....	\$20 00
Postage.....	39 00
Transportation of persons.....	75 00
Cartage and freight.....	13
Rentals.....	185 00
Motor vehicle repairs and care.....	21 00
Medical.....	32 00
Service not otherwise coded.....	24 18
Total.....	<u>\$396 31</u>
Supplies	
Office.....	\$82 52
Water and ice.....	8 75
Medical.....	41 80
Educational and recreational.....	808 48
Motor vehicle.....	77 12
Supplies not otherwise coded.....	77 06
Total.....	<u>\$1,095 73</u>

Respectfully submitted,

STEPHEN H. MAHONEY.
Superintendent of Recreation.

January 1, 1934.

REPORT OF BOARD OF PUBLIC WELFARE

Cambridge, Mass., April 20, 1934.

To His Honor the Mayor and the City Council:

The Board of Public Welfare respectfully submit their annual report for the year ending December 31, 1933. At the annual meeting of the Board, held in May, Charles J. McMenimen was elected chairman for the ensuing year. The demands upon the Department continued to be heavy, reaching the peak in April. Then because of the N.R.A. there was some pickup in employment and the weekly payrolls began to show a slight but steady decrease.

In November the Civil Works Administration came into being and Charles J. McMenimen was appointed administrator. With the coöperation of His Honor the Mayor and the City Council two large projects were begun at once and the heads of over nine hundred families were put to work and removed from the welfare rolls.

Respectfully submitted,

CHARLES J. McMENIMEN, *Chairman*,
LEOPOLD BARTEL,
EDWARD W. TOOMEY,
A. JOHN SERINO,
BERNARD B. WELCH,
Board of Public Welfare.

EXPENDITURES

Outside Aid

Personal Service:		
Salaries, permanent employees.....	\$31,848 00	
Salaries, temporary employees.....	1,868 51	
	<hr/>	\$33,716 51
Service other than Personal:		
Printing.....	\$22 50	
Postage.....	320 00	
Transportation.....	700 00	
Freight.....	10 67	
Light.....	6 93	
Rent.....	150 00	
Telephone.....	526 00	
Motor vehicle repair.....	47 03	
Miscellaneous.....	5 35	
	<hr/>	1,788 48
Equipment:		
Office.....	\$30 00	
	<hr/>	30 00
Supplies:		
Office.....	\$1,007 66	
Motor vehicle.....	176 36	
	<hr/>	1,184 02
Care of Dependents:		
Ambulance.....	\$1,068 00	
Burials.....	1,360 00	
Cash aid.....	753,221 83	
Clothing.....	7,502 14	
Food.....	11,024 55	
Fuel.....	36,015 09	
Medical.....	8,524 94	
Mothers' Aid.....	77,741 25	
Old Age Assistance.....	118,678 00	
State, cities and towns.....	90,303 95	
	<hr/>	1,105,439 75
Total.....		<hr/> \$1,142,158 76

City Home

Personal Service:		
Salaries, permanent employees.....	\$35,904 00	
	<hr/>	\$35,904 00
Service other than Personal:		
Postage.....	\$25 00	
Transportation.....	454 48	
Light and power.....	2,367 94	
Telephone.....	195 10	
Motor vehicle repairs.....	8 00	
Medical.....	45 08	
Fees.....	2 00	
Boiler inspection.....	28 00	
Burials.....	330 00	
Miscellaneous.....	422 93	
	<hr/>	3,878 53

Equipment:

Furniture and fittings.....	\$99 00
Wearing apparel.....	623 84

 722 84

Supplies:

Office.....	\$42 72
Food.....	15,626 60
Fuel.....	3,574 98
Medical.....	1,025 50
Laundry, cleaning.....	551 01
Motor vehicle.....	117 20
Disinfectants.....	19 60
Tobacco.....	607 14
Miscellaneous.....	1,110 30

 22,675 05

 Total.....\$63,180 42

RECEIPTS

Outside Aid

Other Cities and Towns:

Temporary aid.....	\$33,025 44
Mothers' aid.....	3,664 31

Commonwealth of Massachusetts:

Temporary aid.....	\$162,272 68
Mothers' aid.....	64,827 74
Old Age assistance.....	34,548 00
Sick poor.....	4,424 92

 Other sources.....2,954 80

 \$305,717 89

City Home

Board paid by individuals.....	\$2,043 88
Board paid by other cities and towns.....	30 00
Other sources.....	1 00

 \$2,074 88

REPORT OF THE CITY PHYSICIAN

Cambridge, Mass., January 1, 1934.

To His Honor the Mayor and the City Council:

The report of the City Physician for the twelve months ending December 31, 1933, is hereby rendered:

City Home

Number of visits.....	295
Number of persons attended there.....	430
Number of deaths at the City Home.....	24
Number of patients admitted.....	127
Cost of medicines, surgical appliances, medical assistance	

Outside Aid

Number of persons attended for the Public Welfare Department.....	6,894
Number of visits to the same.....	8,923
Number of persons sent to hospital for treatment.....	216
Number of outside deaths.....	4
Number of outside births.....	26
Cost of medicines, surgical appliances, medical assistance	

Departmental

Number of persons attended at police stations.....	18
Number of visits to the same.....	17
Number of employees examined for retirement.....	8
Number of visits to the same.....	8
Number of policemen examined for retirement.....	1
Number of visits to the same.....	1
Total number of persons having received professional care.....	7,351
Total number of visits to the same.....	9,244

In caring for special needs of persons under treatment there were seventy-one persons sent to be fitted for eyeglasses; thirty-five persons sent to be fitted for surgical appliances as foot plates, trusses, orthopedic shoes, surgical corsets; two persons sent to be fitted for artificial eyes; one person sent for emergency dental work. Many children were sent to the Cambridge City Hospital for the removal of tonsils and adenoids.

I wish to thank all the officials connected with the Department for their kind and courteous treatment and material help.

Respectfully submitted,

WILLIAM G. BROUSSEAU, M.D.

City Physician.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE HOME FOR THE AGED AND INFIRM

To the Honorable Board of Public Welfare:

The annual report for the year ending December 31, 1933, is hereby respectfully submitted.

	<i>Men</i>	<i>Women</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Remaining, December 31, 1932	147	63	—	—	210
Admissions	71	40	11	5	127
Total	218	103	11	5	337
Discharges	66	37	11	5	119
Remaining, December 31, 1933	152	66	0	0	218

The average number present for the year was 210. The highest number for the year was 220. The lowest number for the year was 200. The average age of the men remaining December 31, 1933, was 63 years 6 months. The average age of the women remaining December 31, 1933, was 66 years 10 months.

ADMISSIONS

During the year there were 127: 29 males and 6 females were born in Cambridge; 20 males and 9 females were born in Massachusetts; 10 males and 8 females were born in the United States. The total number of native-born being 82. Of the foreign-born there were 25 males and 20 females, making a total of 45.

AGE GROUPS

Two were under one year; 10 between one and ten years; 5 between ten and twenty years; 12 between twenty and thirty years; 15 between thirty and forty years; 13 between forty and fifty years; 23 between fifty and sixty years; 23 between sixty and seventy years; 19 between seventy and eighty years; 4 between eighty and ninety years; and one between ninety and one hundred years.

DISCHARGES

Exclusive of death, were as follows: to relatives 27; walked out 18; to other institutions 16; to work 13; ejected 5; to home 10; to friends 2, and to board one. The shortest time passed in the home was three hours, the case being a lost child. Eight were here but one day, and the average for 28 was thirteen days.

DEATHS

There were 20 deaths in the home: 12 males and 8 females. In addition to these, 3 males and 4 females died in the Municipal Hospital. The average time of all of these was 4 years, 5 months and 2 days. The longest time for one of the men was 28 years, 6 months and 3 days. Another man was in the home 25 years, 4 months and 14 days. One woman was here 24 years, 4 months and 17 days. The average age at death of the men was 74 years, 8 months and 2 days. While for the women the average age was 75 years, 6 months and 12 days.

No one familiar with these cases can doubt that the grace of God sent some of them to be prepared for a happy death. Our happiest moments come in the return of these prodigal sons who had been away from their religious duties for many years. The Superintendent personally enrolls the names of all the deceased Catholics in the Shrine of the Good St. Anne de Beaupre, where a daily mass is offered up for their souls in perpetuity. At all of our burials a religious service is held. The Superintendent and others accompany the remains to the cemetery. Cambridge has reason to be proud of the respect shown her dead.

THE FIRST MAYOR'S DAY

During the campaign of 1917 the Superintendent received a promise from Edward W. Quinn that he would set aside January 1 as the Mayor's Day, on which occasion he would extend his personal greetings to the home folks and also entertain them. The late beloved Mayor Edward W. Quinn religiously carried out that program and his successor, Mayor Richard M. Russell, has followed his splendid example.

MAYOR RUSSELL'S DAY

New Year's Day was Mayor Russell's Day. He was accompanied by Mrs. Richard M. Russell and their children Olivia, Helen, Margaret and Annie. The chairman of the Board, Bernard B. Welch, welcomed them, also the artists and the visitors. The Mayor extended the greetings of the entire family to the home folks. The entertainment was one of the best ever given at the home.

Special mention must be given this efficient committee: Al Bates, Walter Cowlshaw, Jack Moriarity, and Manager John

Carroll of the Central Square Theatre, who brought five Keith acts. The following artists scored big hits: Tom Quinn, Benedict Fitzgerald, Bert Ryan, Jerry Meeney, Madam Kay's Kiddies and Esther Dolan's Review. An added attraction was Supt. Michael Crowley of the Boston Police Department.

AMERICAN LEGION POST 27

On Sunday, January 22, the members of this Post, under the leadership of their Commander Thomas Quinn, with Bert Ryan and his talented artists, presented one of the best entertainments ever given by the Post. It was the occasion of their annual visit. The efficient committee from the Ladies Auxiliary distributed candy to the women and tobacco to the men. Daniel J. Crowley, Judge Advocate of the Post, gave a splendid talk on true Christian charity as exemplified by the Legion.

SHEEHAN'S IRISH MINSTRELS

On Sunday, January 29, this well-known radio group presented their annual entertainment of old-time and modern melodies, that kept the old folks on their toes and in a most joyful mood.

THE MASTER CHORISTERS

On February 12, Dr. George B. Whoriskey brought this popular group of singers on their third annual visit to the home. The lovers of talented vocalists in solo and choral selections enjoyed a great day.

COURT LOUISE CATHOLIC DAUGHTERS OF AMERICA

On Sunday, February 26, the above Court, under the leadership of their Grand Regent Yvonne C. Fortin, repeated their recent successful minstrel show, so filled with catchy songs, musical selections and dances. They scored immensely.

THE IMMACULATE CONCEPTION PLAYERS

On Sunday, March 12, Rev. Jeremiah F. Moriarity, assistant pastor of the parish, brought these well-known players on their annual visit to the home. They kept all in a hilarious mood because of their artistic presentation of "The Absent-Minded Bridegroom."

THE CAMBRIDGE LODGE OF ELKS

On Sunday, March 26, Exalted Ruler William P. Brenner and his talented members of Cambridge Lodge repeated their minstrelsy, scoring one of the big hits of the year. For the first time the hall was equipped with stage curtains. Bleachers took care of the big chorus. The Superintendent reminded the large gathering that the Cambridge Lodge gave the first moving picture outfit ever given to a city home, which wonderful present was given during the administration of Exalted Ruler Robert Burns. The lodge also presented the wonderful Mason & Hamlin organ, chiefly used at the religious services.

POCAHONTAS LODGE, COLORED ELKS

March 28 the versatile members of this lodge, under the leadership of Herman J. Lee, presented a minstrel show filled with dancing, singing and specialty acts that greatly pleased the home folks and the many visitors.

THE DRALITT SOCIETY PRESENTS THE PASSION PLAY

On April 5 Rev. Thomas J. Tierney, assistant pastor of the Blessed Sacrament Parish, brought his talented parochial players who presented the Passion Play. It was splendidly acted and filled all with the religious spirit of the holy season of Lent. It taught, as no sermon could, the terrible sacrifice that Christ paid for our redemption. It pleased Father Tierney to teach the above truth and bring the lesson to the poor who were the special object of Christ's divine love. Commissioner Bartel is to be congratulated on the excellent acting of his son, Paul.

THE JEFFERSONS AND THE DOLLY MADISONS

The members of both of these organizations led by their president, Daniel F. O'Brien, took possession of the home on Sunday, April 13, and presented their annual entertainment. It was the most stupendous minstrel show ever given at the home and has never been excelled. A committee of the Dolly Madisons presented candy to the women and tobacco to the men.

JOE SULLY DAY

On Sunday, May 7, the above good samaritan of the home folks brought as his guest artist Chief Toma, the great singer of the Navajo Indians, who captivated all by his wonderful singing. He sang between the various reels of the musical comedies and side-splitting shorts kindly loaned to Mr. Sully by the Warner Brothers. No moving pictures ever given at the home excelled the movies of Joe Sully Day.

NORTH CAMBRIDGE COUNCIL MINSTRELS

On May 12 Grand Knight Arthur Grenier and the North Cambridge Council of the Knights of Columbus brought their most successful minstrel show to bring added happiness to the old folks. It was the same program that scored such a public hit on the nights of May 8 and 9 at Odd Fellows' Hall. There was not a dull moment in the three hours of continuous merriment.

COURT LOUISE, MOTHER'S DAY

On Sunday, May 14, Mother's Day, this well-known court of the Catholic Daughters of America, headed by its Grand Regent Yvonne Fortin, assisted by Mrs. D. Berkeley, master of ceremonies, led a large delegation of members and their talent, presenting one of the best entertainments ever presented here, each number of the program scoring an individual hit. During the intermission candy was given to the women and tobacco to the men. The Superintendent complimented the Court in carrying a resolve through the state convention of the Catholic Daughters of America that all the Courts of the order shall take an active interest in the poor, and that the nearest Court to any institution caring for the aged and infirm, in a state, city or town, shall appoint a local committee to visit said institution for the purpose of improving conditions therein and annually stage an entertainment for those housed therein.

LADIES AUXILIARY OF THE EAGLES

On Sunday, May 21, Madam President Miss Gertrude M. Torey; and Vice-President Mrs. Cecelia Riley, brought a large delegation of members with their talented guests. They were welcomed by Chairman Charles J. McMenimen, who praised them

for their charitable deeds and their kindly interest in the home folks. They then presented another of their high-class entertainments, bringing much happiness to all. An efficient committee distributed candy to the women and tobacco to the men. James Tevlin, State Deputy Auditor of the Eagles, proved a most capable master of ceremonies. The Superintendent praised the Fraternal Order of Eagles for securing an old age pension in twenty states of the Union which had resulted in raising the standard of relief for those benefited.

YVONNE GOOD AND HER COLORED COMEDIANS

On Sunday, May 28, the above well-known dancing teacher brought her dancers and comedians, presenting a mock trial which was out of the ordinary and kept the old folks in roars of laughter. It was a new form of entertainment and was much appreciated.

JACK HOXIE AND THE DOWNIE BROTHERS CIRCUS

On Friday, June 16, the old folks attended once again the old-time circus which was so popular in their younger days. Jack Hoxie, the star of this circus, brought some of his Wild West cowboys, while the most noted of their clowns kept the old folks in roars over their antics. Singers and clever dancers added to the merriment as did the members of their circus band.

EMERSON GILL AND HIS TOTEM POLE ORCHESTRA

Sunday, June 25, was Emerson Gill Day, the occasion being his annual entertainment for the home folks. This noted orchestra came through the kindness of Commissioner Toomey. Their coming was eagerly awaited by the home folks who knew the treat that was in store for them.

All were pleased again to see Pinky Hunter and his associates, all of whom scored individual hits. They were highly praised by Chairman McMenimen.

ANNUAL BAND CONCERT BY THE METROPOLITAN FIREMEN'S BAND POST 94 OF THE AMERICAN LEGION

The second annual entertainment by this well-known band was presented on the evening of July 20. They came through the kindness of James E. Sullivan of Everett, manager of the band.

Director Frederick Whitehouse of the Walter Smith Band deserves the highest praise for the excellence of the program. James Murphy of Malden, its noted drum-major, gave the old folks a clever exhibition of his art. Chairman McMenimen thanked the members for the happiness brought to the home folks and praised the other charities of these bandsmen.

THE CLOVER CLUB'S ANNUAL ENTERTAINMENT

On Sunday, September 24, the members of this popular club, under the leadership of President John Henry Morris, presented one of those entertainments for which they are so well remembered. Neil Guiney proved a most capable master of ceremonies. From the first number — selections from Harold Donehey's Hotel Commander Orchestra — to the final number, the home folks were made extremely happy with popular and old-time songs, clever dances, monologists and surprising feats of legerdemain. During the intermission an efficient committee headed by Mrs. Elizabeth Sullivan, Mrs. James Delaney, Mrs. Donehey, Mrs. Suprenard, Miss Florence Moylan and Alice O'Mara distributed candy to the women and tobacco to the men. Their annual day at the home is the fourth Sunday of September.

THE ANNUAL COLUMBUS DAY ENTERTAINMENT PRESENTED BY CAMBRIDGE COUNCIL 74

Cambridge Council 74 of the Knights of Columbus presented their annual entertainment and gifts on Columbus Day. The members came laden with apples, pears, candy, tobacco, ice cream and cake.

The feature picture "The Devil's Brother" starring Laurel and Hardy and Dennis King, made a great hit. Between the reels songs and dances were presented by Marie Culhane, Lillian Collins, Toots Murphy and Sis McCormack, Mary O'Neill, Evelynn McFawn and Michael Sheehan (Sheehan's Irish Minstrels).

The Superintendent praised the Council for carrying through the Massachusetts state convention and the national convention of the Knights of Columbus the Council's original resolve that the Knights of Columbus Council nearest to any state, county, city or town institution caring for the poor shall appoint a com-

mittee to visit said institution for the purpose of improving conditions therein, and on Columbus Day present an annual entertainment for the added happiness of the old folks. The Superintendent was particularly happy over this act because he was one of the pioneers who brought Columbianism into Cambridge, one of the first officers of this Council, and one of its charter members.

372D INFANTRY BAND ENTERTAINS

On Sunday, October 22, the above-mentioned colored Infantry Band of the Third Battalion of the National Guards presented their annual band concert. They were led by their noted leader, Director Raymond Sheldon, a great favorite with the home folks. His well-selected program of patriotic and old-time melodies and southern medleys kept the old folks in a happy mood throughout the entire afternoon.

THE NORTH CAMBRIDGE COUNCIL OF THE KNIGHTS PRESENTS THEIR MINSTREL SHOW

On Sunday afternoon, December 10, North Cambridge Council No. 269, under the leadership of Grand Knight Maurice Harrington, repeated their recent most successful N.R.A. minstrelsy. The complete program was punctuated with hearty applause, as each member made individual hits. The large delegation was welcomed by Chairman McMenimen and Commissioners Toomey and Welch. At the close Chairman McMenimen thanked his fellow members of North Cambridge Council, of which he was proud to be a member, because of its activities in charities.

ARMISTICE DAY

The annual entertainment on Armistice Day was observed through the kindness of the Metro-Goldwyn-Mayer Distributing Corporation in its loan of the feature picture "Tug Boat Annie" starring Marie Dressler and Wallace Beery. Those present heartily enjoyed the different situations and wise-cracked many of the humorous scenes.

THANKSGIVING TURKEYS

The Misses Minnie A. and Mae I. Copp have, for the past eight years, given to the old folks the excellent turkeys for the Thanksgiving Day dinner. A gift from individuals is a gift from

sympathetic hearts while a similar gift from the city is from the cold hand of charity. If our citizens would realize the difference between a voluntary gift and an obligated gift, as from the city, much more happiness would be brought to our home folks.

FATHER CALLANAN DAY

On Monday, December 18, the city, through its welfare department, joined in the fifty-third anniversary of the ordination to the priesthood of Rev. Dr. P. H. Callanan, A.M., pastor of St. Peter's Parish. He planned that the earnings of his gift should function after he had passed to his eternal reward, so that all those today, and in the years to come, passing the sunset of their lives in our home, will be given added cheer on the anniversary of his ordination to the priesthood. At the banquet held on Father Callanan's Day will be seated fathers and mothers who have outlived their children, widow or widower made extremely helpless by the death of his or her spouse, parents abandoned by their unnatural children, faithful daughters who would not leave their parents, who closed their eyes and folded their arms in death, who saw the last penny spent, their old house sold under the hammer and penniless sought our home, chronics crippled by the diseases of old age or maimed by accidents, and our blind patients. Father Callanan has given to all of these delicacies that my budget will not permit me to furnish. Father Callanan's Day recalls these verses of Holy Writ, "But when thou makest a feast, call the poor, the maimed, the lame, the blind; and thou shalt be blessed; for they cannot recompense thee; for thou shalt be recompensed at the resurrection of the just." Luke 14:12-14. We have many wealthy persons in our city familiar with these verses but they heed them not. Some of them have been aided in their riches by these toilers of yesterday who are the city's guests today. Many who could show their gratitude of these servants of yesterday fail to do so and this in no little degree is spreading the spirit of discontent and unrest, helping to sow the seeds of Communism. This Father Callanan Day was opened with mass by Rev. Jeremiah Murphy, who paid a splendid tribute to his late pastor Father Callanan. The home folks enjoyed their turkey dinner with all the fixings. At supper ice cream and cake were served. Fancy crackers were given to the women while plugs of tobacco were given to the men. The day closed with the feature picture

"The Footlight Parade" which was most heartily applauded and enjoyed. We are indebted to the Warner Brothers Film Corporation, and to Joe Sully for this wonderful picture. Commissioner Welch praised the charities of Father Callanan and spoke of his relations with him in the St. Vincent De Paul Society. Superintendent Shea closed with the reading of a letter from Father Callanan sent to the home folks on the occasion of his fifty-second anniversary.

NORTH CAMBRIDGE COUNCIL AND COURT LA RABIDA PRESENT ANNUAL ENTERTAINMENT AND GIFTS

On Sunday afternoon, December 24, the North Cambridge Council, under the leadership of Grand Knight Maurice Harrington, and Court La Rabida, Catholic Daughters of America, led by its Regent, Mrs. Charles Jones, took possession of the home, presenting their annual entertainment. Both of these organizations appropriate moneys from their treasuries so that their committees come laden with ice cream and cake for all and candy for the women and candy for the men. It is their annual Christmas tree entertainment. The excellent entertainment was managed by Herbert Danehy who proved most efficient as master of ceremonies. From the first number to the last it was one continual round of merriment, with songs, dances and specialty acts following in quick succession. This is one of the red letter days of the year. Their entertainments are of such a high order that the other organizations aim to equal them.

THE SARAH E. RUSSELL FUND

Sarah E. Russell, who died October 6, 1897, was the first citizen of Cambridge to create a trust fund, the annual interest of which is used to bring added cheer to those passing the sunset of their lives in our home. It is money to be expended towards providing a Christmas tree, or Christmas gifts or entertainments. Mrs. Russell was the widow of Hon. Charles Theodore Russell, the mother of Hon. William E. Russell, Ex-Mayor and Ex-Governor, and the grandmother of Mayor Richard M. Russell. Her husband, her son and her grandson have served as mayors of our city. The annual interest this year was expended for interior decorations. A box of candy was given to each one of the home folks.

THE CHRISTMAS TREES

The beautiful tree in the front of the home, as well as the one in the lobby, were the gifts of Peter De Lucca, manager of the United Markets, Manhattan branch. The lighting of these trees and the large star in the front of the building was gratuitously furnished by the Cambridge Electric Light Company.

ST PAUL'S CHOIR IN CHRISTMAS CAROLS

This popular choir so often heard on the radio, led by its well-known director Joseph Ecker, sang the most popular of the Christmas carols and captivated the hearts of the home folks and those who were fortunate enough to be at that time visitors at the home.

BENEDICT FITZGERALD AND SCHOLARS

On Christmas Eve this noted Director of Music brought large delegations of pupils from the High and Latin and Rindge schools who sang the familiar carols in the wards and the assembly hall. They intensified the Christmas spirit of all the home folks.

CHRISTMAS GIFTS

Mrs. Edward S. Drown, 12 Phillips Place, presented oranges; John P. Doyle, 115 Bartlett Avenue, Belmont, tobacco; Mrs. Ann Dessouit, Pond Street, Marblehead, candy; James Murphy, Van Ness Road, Belmont, a large number of the latest novels.

GIFTS FROM THE CHRISTIAN ENDEAVOR SOCIETIES

These societies of the First Baptist, North Avenue Baptist and the Broadway Baptist, the Pilgrim and the Prospect Congregationalist Churches of Cambridge and the Calvary and Trinity Churches of Arlington brought their annual Christmas gifts of candies, tobacco, ties, handkerchiefs and other useful gifts. Each one in the home received a gift.

MOVING PICTURES

In addition to the many entertainments, our movies bring added cheer to all. We owe our thanks for our movies to Paul Cifrino, of the United Markets, who presented the sound-on-film equipment; to Joe Sully, the great friend of the home folks, who

since 1919 has projected all of our pictures upon the screen; to Martha Ferris, Secretary of the New England Film Board of Trade; to James F. Burke, Business Agent of the Moving Picture Machine Operators; to M. N. Wolfe, manager of the Metro-Goldwyn-Mayer Distributing Corporation and P. D. Spry, manager of the Vitaphone and Warner Brothers Exchanges.

The Warner Brothers supplied Joe Brown in "The Tenderfoot," and "Fireman, Save My Child"; "Forty-Second Street"; "The Gold Diggers of 1933" and "The Footlight Parade." The Metro-Goldwyn-Mayer furnished Norma Shearer in "Smiling Through"; Laurel and Hardy in "Pack Up Your Troubles"; Laurel and Hardy with Dennis King in "The Devil's Brother" and Marie Dressler and Wallace Beery in "Tug Boat Annie." The Vitaphone loaned "Melodies Parade"; "Music to My Ears"; "Subway Symphony"; "Hey, Hey, Westerner"; and "The Wedding Nightmare." All of these have taken the old folks mentally from the home and transported them to the scenes depicted upon the screen.

INDIVIDUAL GIVERS AND GIFTS

We are indebted to the following individuals for their gifts of magazines: Commissioner Bartel; Miss Carrie Sullivan, 69 Magazine Street; Mrs. Daniel Sullivan, 29 Willard Street; Mrs. Edward S. Drown, 12 Phillips Place; J. L. Robinson, 89 Washington Avenue; Miss Elizabeth Stratton, 17 Farwell Place; M. W. Weber, 21 Allen Street, Watertown; Mrs. Aubrey F. Horton, 152 Trapelo Road, Belmont; H. P. Kendall, 8 Walnut Avenue; Edward A. Hamilton, 41 Brattle Street; Mrs. Edward H. Neily, 142 Marsh Street, Belmont; Miss Beverly Dysart, 10 Glenrose Avenue, East Braintree. Jig-saw puzzles from Councillor Hyman Pill, Commissioner Bartel and Frank Bridgman, 294 Harvard Street; Howard H. Fiske gave twenty gallons ice cream and fifty pounds of candy. Candy from Mrs. Edward S. Drown, 12 Phillips Place and Mrs. Julian Coolidge, 50 Holyoke Street. Harold A. Ryan, plants to commemorate National Flower Shut-in Day, also flowers from Miss Annie F. Stratton, 26 Linnaean Street, and Mr. A. W. Whitney. Miss Annie M. Clark, 77 Pemberton Street, eye glasses. James L. Hopkins, 112 Sycamore Street, Somerville, and S. Fohen, 2362 Massachusetts Avenue, playing cards. Fruit, C. N. Greenough, Juniper Road, Belmont; Mrs. Henry Eagan,

Belmont. Supt. T. W. Good, of the Water Department, kindly loaned the use of the department's air compressor which greatly aided us in the drilling of our concrete walls for easy access to our underground steam leaks, and also for better ventilation under the women's hospital wing.

THANKS TO THE MAYOR
AND MEMBERS OF THE BOARD

I desire to thank Mayor Richard M. Russell, Chairman Bernard B. Welch, and Charles J. McMenimen and Commissioners Leo Bartel, Edward W. Toomey and A. John Serino for their good will, helpful advice and encouragement. They have made much lighter the burdens of my office which at times are most trying. Invaluable assistance has been given to me by the Matron, Mrs. John T. Shea. The help given by Secretary James E. Finnegan and City Physician William G. Brousseau is appreciated. The members of the staff have splendidly coöperated. My thanks go to those who in any way brightened the lives of those who have been placed under my care, and I trust that they will be repaid one hundredfold by Him, Who rewards the giving of even a cup of water in His name.

Respectfully submitted,

JOHN T. SHEA,
Superintendent.

REPORT OF THE CAMBRIDGE CITY HOSPITAL TRUSTEES

Cambridge, Mass., January 8, 1934.

To His Honor the Mayor and the City Council:

In accordance with the provisions of the City Ordinance we submit herewith the seventeenth annual report of the Cambridge City Hospital, the same being for the year ending December 31, 1933. Also included are reports of the Superintendent of the hospital and the Social Service Department.

On January 18 a number of pupil nurses who had completed the course of training as required at our hospital, including classes of 1932 and 1933, were awarded diplomas at graduation exercises held in the auditorium at the nurses' home, in the presence of a large number of relatives and friends. The diplomas were awarded by Miss Ida M. Cannon a member of the Board of Trustees, and the address to the graduates was given by Miss Sally Johnson, Principal of the School of Nursing at the Massachusetts General Hospital.

During the year the Trustees were informed by the Superintendent of the very generous action of Mrs. Walter Cannon in presenting a piano to the hospital for use at the nurses' home. This gift was accepted and duly acknowledged. The piano is in constant use and very much enjoyed by the nurses.

On June 27 notice was received from the architect of the completion and acceptance of additions and alterations to the boiler house and laundry of the hospital, thus increasing space and expediting the work of the laundry to a very great extent.

The Trustees have given careful consideration to a suggestion as to the matter of filling prescriptions at the hospital for patients of the City Physician. A conference was had between the Trustees and the City Physician and the subject was considered from every angle. It was finally agreed by all that in order to put the suggestion into effect it would be necessary to establish a pharmacy department and the employment of experienced pharmacists entailing much additional expense. It was, therefore, decided to be inexpedient at this time.

Much time and thought has been given to the Social Service and Prenatal Clinic Departments. An assistant to the Social Service worker and a clerk have been provided in order that the work of this important branch of service may not be impaired. With the appointment of these assistants it is now quite certain that definite policies concerning the Social Service Department are well established and that the work will proceed with increasing satisfaction. An advisory committee has been named to work in conjunction with the department consisting of representatives of churches and social organizations of the city. Miss Cannon, a member of the Board of Trustees, was added to this committee. It is hoped that this will be a means of increasing a community interest in the hospital and in developing the service to our patients.

We acknowledge with thanks the kind coöperation and generous service of the Boston Lying-in Hospital during a scarlet fever emergency at our hospital in relieving anxiety of expectant mothers and in many other ways. We are grateful for the helpful coöperation given by His Honor the Mayor, members of the City Council, and doctors of the staff at the hospital.

Respectfully,

DONALD E. CURRIER, M.D., *Chairman*,
JOHN H. HURLEY,
CHARLES F. J. McCUE,
IDA M. CANNON.

The hospital staff is as follows:

SURGICAL STAFF

Dr. Harry H. Germain, 479 Commonwealth Avenue, Boston (Chief).
Dr. Daniel F. Mahoney, Copley Plaza Hotel, Boston.
Dr. William A. Noonan, 314 Harvard Street, Cambridge.
Dr. Edward J. O'Brien, 270 Commonwealth Avenue, Boston.
Dr. John J. Murphy, 2192 Massachusetts Avenue, Cambridge.

MEDICAL STAFF

Dr. Felix F. McGirr, 1436 Cambridge Street, Cambridge (Chief).
Dr. John F. Fair, 9 Dana Street, Cambridge.
Dr. Leo Myles, 1776 Massachusetts Avenue, Cambridge.
Dr. Andrew Downing, 335 Huron Avenue, Cambridge.
Dr. Edward J. O'Rourke, 2280 Massachusetts Avenue, Cambridge.

ORTHOPEDIC STAFF

Dr. B. A. Godvin, 483 Beacon Street, Boston.
Dr. Arthur F. Sargent, 274 Commonwealth Avenue, Boston.

LARYNGOLOGISTS

Dr. Francis Minitier, 419 Boylston Street, Boston.
Dr. Thomas Dinan (Assistant), 490 Commonwealth Avenue, Boston.
Dr. J. Paul Tierney (Assistant), 416 Marlboro Street, Boston.

ROENTGENOLOGIST

Dr. Frederick W. O'Brien, 465 Beacon Street, Boston.

OBSTETRICIANS

Dr. Thomas J. Cahill, 156 Line Street, Cambridge.
Dr. Frederick J. Lynch, 475 Commonwealth Avenue, Boston.
Dr. Edward W. Feeley, 475 Commonwealth Avenue, Boston.
Dr. William B. Young, 65 Bay State Road, Boston.

PEDIATRICIAN

Dr. A. W. McGarry, 270 Commonwealth Avenue, Boston.

DENTAL SURGEONS

Dr. Joseph B. Rockett, 520 Beacon Street, Boston.
Dr. Frank McLean (Assistant), 54 Warren Street, Roxbury.
Dr. Matthew Shea (Visiting Surgeon), 1218 Massachusetts Avenue, Cambridge.

SURGICAL OUT-PATIENT

Dr. Edward T. Downey, 475 Commonwealth Avenue, Boston.
Dr. Emilio D'Errico, 27 Bay State Road, Boston.
Dr. Edward Ormsby, 395 Commonwealth Avenue, Boston.
Dr. Llewellyn H. Rockwell, 270 Commonwealth Avenue, Boston.

MEDICAL OUT-PATIENT

Dr. William Archibald, 837 Massachusetts Avenue, Cambridge.
Dr. Joseph A. Bruschi, 843 Massachusetts Avenue, Cambridge.
Dr. J. Allen Thompson, 900 Massachusetts Avenue, Cambridge.
Dr. Albert C. Poirier, 830 Somerville Avenue, Cambridge.

DERMATOLOGIST AND SYPHILOLOGIST

Dr. Walter Garfield, 19 Bay State Road, Boston.
Dr. Arthur Simmons, 1284 Commonwealth Avenue, Brookline.

ORTHOPEDIC OUT-PATIENT

Dr. Waldo W. Robbins, 16 Garfield Street, Cambridge.
Dr. William N. Lanigan, 357 Main Street, Medford.

PEDIATRIC OUT-PATIENT

Dr. Frank T. Downey, 294 Huron Avenue, Cambridge.

REFRACTIONIST

Dr. Hugh Donahue, 520 Commonwealth Avenue, Boston.

CONSULTANTS

Dr. William MacDonald, 270 Commonwealth Avenue, Dermatologist.
Dr. Frederick Good, 20 Commonwealth Avenue, Obstetrician.
Dr. George E. McIntire, 94 Bay State Road, Surgeon.
Dr. Maxwell E. MacDonald, 270 Commonwealth Avenue, Neurologist.

SUPERINTENDENT OF THE HOSPITAL

Gertrude D. Stapleton

REPORT OF HOSPITAL SUPERINTENDENT

A backward glance through the year 1933 shows the usual busy hospital routine and activities, which when figured up in cold statistics show only normal increases in numbers for practically all departments. The effect of the unemployment situation shows in the great increase in our accident room and out-patient departments (also in the demands made upon the Social Service Department). The comparison for two years is as follows:

	1932	1933	Increase
Accident Room	4,860	11,101	6,241
Out-Patient Department	38,519	48,839	10,320

Much credit is due to our doctors who have given freely of their time and service in our many out-patient departments. A word of commendation may not be amiss regarding the almost universal patience and cheerfulness of our Cambridge citizens who come and await their turn in these crowded departments.

In thinking of our out-patients, we would like to express our appreciation of the marked improvement made by the granolithic walks which have been placed around the hospital during the year. They have added no little comfort to the frequent return visits of our many lame and infirm patients.

Early in the year in January 18, 1933, graduation exercises for the 1932 and 1933 training school classes were held. This joint exercise was an economic measure. We appreciate the effort made by His Honor Mayor Richard M. Russell to be with us that evening. Diplomas were presented to eighteen graduates by our esteemed trustee, Miss Ida M. Cannon, who made a short but delightful address to our students. We were privileged to have as our graduation speaker, Miss Sally Johnson, Director of Nurses of the Massachusetts General Hospital. Miss Johnson's address took the audience back through the years, noting the great changes and advances in nursing and in hospital service, and left the nurses and their friends with courageous thoughts and high ambitions for the future of the nursing profession.

In February a class of fifteen entered the training school. In September, nineteen new students were admitted. With the admission of the September class, our nurses' home was filled to capacity.

During the year notification came from the Massachusetts Board of Registration for Nurses of the raising of the standard for admission to Class A training schools. The change goes into effect in September, 1934. The state requirements will be as follows:

For all candidates admitted after September 1, 1934, the following credits shall be required in the high school course:

- a. Two units of natural science (*i.e.*, general science, physics, chemistry, biology, physiology).
- b. Three units of English.
- c. Two units of mathematics (*i.e.*, commercial arithmetic, bookkeeping, algebra, geometry).
- d. One unit of history and civics.

In lieu of the requirements of 1, 2, or 3, the College Preparatory Course will be accepted.

We are deeply grateful to have been able to carry on as usual during these months of acute economic disturbance with its consequent greater call for municipal hospital service. It is a satisfaction to report the generous coöperation of our entire personnel in trying to meet the greater demands and the earnest effort made to aid in necessary economies.

Respectfully submitted,

GERTRUDE D. STAPLETON, R.N.,
Superintendent.

REPORT OF SOCIAL SERVICE DEPARTMENT

In the Social Service Department during 1933 there were 1,085 new patients referred: 593 from the Prenatal Clinic and 492 contacted through the Out-Patient Department and the house; 75 patients were carried over December, 1932, making a total for the year of 1,160 patients.

On December 7, 1933, a group of eight persons met informally to arrange for a Social Service Committee. Miss Ida M. Cannon, a member of the Board of Trustees, was chosen chairman. It was decided to have the committee meet monthly to discuss the varied problems confronting social service. This committee will be a real help to the department both in the capacity of advisors and in interpreting its work to the community.

On September 13, 1933, Miss Ruth Katz was appointed as assistant social worker, and in the same month Miss Bertha Hilchey as clerk. The increase in house and clinic patients has added proportionately to the number of patients referred to the Social Service Department. It is earnestly hoped that the Social Service staff will be increased.

Special thought has been given to patients in the Prenatal Clinic. An arrangement for weekly payments to be applied for maternity care has been satisfactorily worked out. During the year \$1,067.94 was collected from patients where employment existed in the family. It has been difficult to formulate a consistent policy for payments in this clinic owing to a change in the D. P. W. relief. Many of the families being so aided became C. W. A. cases. Irregardless of the number in the family a fixed rate of fifteen dollars became the weekly earnings. Although our statistics show a larger number employed, it has not been reasonable in many instances to expect this group to contribute toward confinement expenses. An accumulation of rent, grocery bill, etc., made it necessary for the patients to give these demands first consideration. It has been very definitely established that the policy for weekly payments has been much appreciated by the majority of patients.

The Gray Lady Group, an adjunct of the American Red Cross, has six workers in the clinics and through the house. Their services have been most appreciated. To those volunteers, who have generously given of their time, appreciation is expressed.

BEATRICE K. QUINN.

BRIEF STATEMENT OF EXPENDITURES AND RECEIPTS

January 1, 1933 to December 31, 1933

Salaries.....	\$118,492 90
Services other than personal.....	17,217 93
Equipment.....	1,958 06
Supplies.....	94,059 01
Total.....	\$231,727 90
Received from patients January 1, 1933 to December 31, 1933.....	\$49,783 53

STATISTICS FROM JANUARY 1, 1933 TO DECEMBER 31, 1933

Total admissions to hospital during the year.....	5,100
Surgical admissions.....	1,911
Medical admissions.....	800
Obstetrical admissions.....	1,359
Aural admissions.....	636
Dermatological admissions.....	6
Orthopedic admissions.....	117
Oral admissions.....	23
Ophthalmic admissions.....	32
Pediatric admissions.....	216
Daily average of patients in hospital.....	164
Largest number of patients in hospital in one day.....	201
Smallest number of patients in hospital in one day.....	108
Patients treated in Out-Patient Department, all clinics.....	48,839
Patients treated in accident room.....	11,101
Patients remaining in hospital, January 1, 1933.....	163
Patients remaining in hospital, December 31, 1933.....	155

DISCHARGES AND THEIR CLASSIFICATIONS

Year ending December, 1933

Specific Infectious Diseases, General Diseases

Abscess, abdominal wall.....	4
Abscess, back.....	1
Abscess, leg.....	3
Abscess, thigh.....	3
Actinomycosis, abdomen.....	1
Arthritis, acute infectious, back.....	1
Arthritis, acute infectious, hands.....	1
Arthritis, acute infectious, leg.....	2
Arthritis, chronic, lumbar region.....	2
Arthritis, chronic infectious, joints.....	1
Arthritis, gonorrheal.....	2
Balanitis, gonorrheal.....	1
Carbuncle, back.....	3
Carbuncle, face.....	1
Carbuncle, lip.....	1
Carbuncle, neck.....	5
Cellulitis, arm.....	2
Cellulitis, eye.....	1
Cellulitis, eyelids.....	1
Cellulitis, finger.....	1
Cellulitis, foot.....	2
Cellulitis, hand.....	4
Cellulitis, leg.....	2
Cellulitis, mandible.....	1

Cellulitis, shoulder	1
Cellulitis, thigh	1
Chancroid	1
Chickenpox	1
Coryza	3
Diphtheria, faucial	1
Diphtheria, nasal	1
Diphtheria, pharyngeal	1
Epididymitis, gonorrheal	2
Erysipelas, back	1
Erysipelas, body	1
Erysipelas, ear	2
Erysipelas, face	6
Erysipelas, leg	2
Erysipelas, neck	1
Erysipelas, scalp	1
Furuncle, arm	4
Furuncle, back	1
Furuncle, buttock	1
Furuncle, ear	2
Furuncle, face	1
Furuncle, knee	3
Furuncle, leg	1
Furuncle, neck	2
Furuncle, nose	2
Furunculosis, axillae	3
Furunculosis, buttock	1
Furunculosis, elbow	1
Furunculosis, knees	1
Furunculosis, scrotum	1
Furunculosis, vulva	1
Gumma, leg	1
Impetigo contagiosa	4
Infections, acute	63
Infections, chronic	1
Influenza	1
Keratitis, tuberculous	1
Measles	4
Mumps	1
Paronychia, finger	5
Paronychia, thumb	1
Pertussis	7
Pleurodynia, epidemic	1
Pneumonia, broncho	66
Pneumonia, hypostatic	5
Pneumonia, lobar	41
Poliomyelitis, anterior	6
Rheumatic fever, acute	10
Scarlet fever	15
Sepsis, general	1
Septic sore throat	4
Sinus, hypoglossal, infected	1
Streptococcus, sore throat	2
Syphilis, aorta	1
Syphilis, aorta with aortic insufficiency	1
Syphilis, central nervous system, meningeal	1
Syphilis, central nervous system, tabes dorsalis	5
Syphilis, central nervous system, vascular	1
Syphilis, digestive organs	1
Syphilitis periostitis	1

Syphilis, primary	2
Syphilis, secondary	2
Syphilis, tertiary	9
Syphilis, vascular	1
Tinea "dermophytosis"	2
Tinea (ringworm) scalp	1
Tuberculosis, caecum	1
Tuberculosis, femur	1
Tuberculosis, genito urinary tract	1
Tuberculosis, kidney	1
Tuberculosis, knee	1
Tuberculosis, lungs	28
Tuberculosis, lymph nodes	4
Tuberculosis, peritoneum	1
Tuberculosis, shoulder	1
Tuberculosis, spine	4
Tuberculosis, testicle	1
Tuberculosis, thigh	1
Typhoid fever	1
Ulcer of buttocks	2
Ulcer, foot	2
Ulcer, scalp	1
Upper respiratory infection, acute	108
Urethritis, gonorrheal acute	3
Vaginitis, gonorrheal	1

Diseases Due to Animal Parasites

Pediculosis capillitii	3
Scabies	3

Diseases of Metabolism and Deficiency

Diabetic gangrene, leg	1
Diabetes mellitus	40
Obesity	7
Pellagra	1
Rickets	1
Scurvy	1

Diseases Peculiar to Infancy

Dentition, difficult	1
Inanition fever	1
Malnutrition	15
Marasmus	2
Neonatorum, icterus	1
Pemphigus, neonatorum	2
Prematurity	6
Regulation of feeding	17

Diseases Due to Physical Agents

Burns	20
Exposure to cold	1
Frostbite, ears	1
Heat prostration	1
Scalds	1
Sunburn	1

Poisonings, Intoxications

Alcoholism, acute	102
Alcoholism, chronic	16
Poisoning, allonal acute	1
Poisoning, ammonia, acute	1
Poisoning, barbitol, acute	1
Poisoning, bay rum, acute	1
Poisoning, bichloride of mercury, acute	1
Poisoning, bleaching water, acute	1
Poisoning, illuminating gas, acute	5
Poisoning, insulin, acute	1
Poisoning, iodine, acute	4
Poisoning, kerosene, acute	1
Poisoning, methyl alcohol, acute	1
Poisoning, morphine, acute	1
Poisoning, paraldehyde, acute	1
Poisoning, phenol, acute	1
Poisoning, potassium permanganate, acute	2
Poisoning, sulpho naphthol, acute	3
Poisoning, veronal, acute	2
Poisoning, lead, chronic	1
Poisoning, opium, chronic	1

Tumors, Benign and Malignant

Adenocarcinoma, bowel	1
Adenocarcinoma, cervix uteri	1
Adenocarcinoma, prostate	1
Adenocarcinoma, uterus	1
Adenocystoma, ovary	1
Adenoma, breast	1
Adenoma, thyroid gland	1
Carcinoma, bladder	1
Carcinoma, breast	8
Carcinoma, cervix uteri	9
Carcinoma, colon	2
Carcinoma, ear	1
Carcinoma, inguinal glands	2
Carcinoma, ischium	1
Carcinoma, jaw	1
Carcinoma, lip	3
Carcinoma, liver	2
Carcinoma, lymph nodes	1
Carcinoma, mediastinum	2
Carcinoma, ovaries	1
Carcinoma, pancreas	1
Carcinoma, parotid gland	1
Carcinoma, rectum	5
Carcinoma, sigmoid	4
Carcinoma, recto sigmoid	1
Carcinoma, stomach	3
Carcinoma, tongue	1
Carcinoma, vulva	4
Carcinoma, wrist	1
Carcinomatosis	2
Chalazion, eyelid	1
Cyst, brain	1
Cyst, breast	1
Cyst, gums	1
Cyst, jaw	1

Cyst, neck	1
Cyst, ovary	15
Cyst, thyroid	1
Epithelioma, lip	2
Epithelioma, neck	1
Fibroadenoma, breast	1
Fibroid uterus	7
Fibroma, breast	2
Fibromyoma, uterus	1
Hemangioma, buttocks	1
Leiomyoma, uterus	2
Lipoma, arm	1
Lipoma, abdomen	1
Lipoma, back	3
Lipoma, neck	1
Lipoma, shoulder	1
Lipoma, thigh	3
Papilloma, bladder	3
Polypi, nose	1
Polyp, rectum	1
Polypus, uterus	1
Sarcoma, abdominal wall	5
Sarcoma, spine	1
Tumor, caecum	1
Tumor, pancreas	1
Tumor, spine (unspecified)	1
Verruce, buttock	1
Wen, face	1
Wen, head	1

Congenital Malformations

Anomaly of vertebrae	1
Cleft palate	5
Dilatation of colon, congenital	1
Hammer toes	1
Harelip	2
Heart condition, congenital: coarctation of aorta	1
Hypospadias	2
Interventricular septal defect	1
Pilonidal sinus	8
Thyro-glossal cyst	1

Injuries

Abrasions	154
Amputation, fingers, traumatic	8
Amputation, thumb, traumatic	2
Avulsion, finger, traumatic	1
Avulsion, mandible	1
Avulsion, maxilla	1
Avulsion, teeth	1
Concussion	58
Contusions	205
Dislocations	17
Dog bites	1
Foreign body, finger	2
Foreign body, foot	1
Foreign body, gastro intestinal tract	1
Foreign body, hand	2

Foreign body, knee.....	1
Foreign body, leg.....	1
Foreign body, lip.....	1
Foreign body, oesophagus.....	1
Foreign body, shoulder.....	1
Foreign body, thumb.....	1
Fractures, comminuted.....	31
Fractures, compound.....	15
Fractures, compound comminuted.....	2
Fractures, intertrochanteric.....	4
Fractures, simple.....	220
Gangrene, finger.....	1
Hematoma, eye.....	2
Hematoma, eyelid.....	1
Hematoma, scalp.....	3
Hematoma, thigh.....	1
Rupture, intestine, traumatic.....	1
Rupture, ligaments, knee.....	2
Rupture, liver, traumatic.....	1
Rupture, urethra.....	1
Severed artery, hand.....	1
Severed tendons.....	16
Shock, traumatic.....	1
Sprains.....	14
Strains.....	23
Synovitis, elbow, acute.....	1
Ulcer of leg, traumatic.....	1
Wounds, gunshot.....	4
Wounds, lacerated.....	143
Wounds, perforated.....	1
Wounds, punctured.....	32
Wounds, stab.....	3

Diseases of the Skin

Abscess, axillary.....	1
Abscess, back.....	1
Abscess, buttock.....	1
Abscess, cheek.....	1
Abscess, chin.....	1
Abscess, face.....	1
Abscess, forehead.....	1
Abscess, heel.....	2
Abscess, jaw.....	1
Abscess, knee.....	1
Abscesses, multiple.....	1
Abscess, neck.....	1
Abscess, scalp.....	1
Abscess, shoulder.....	3
Abscess, skin.....	1
Abscess, submental.....	2
Abscess, thigh.....	1
Acne vulgaris.....	2
Cicatrix.....	1
Dermatitis, foot.....	1
Dermatitis medicamentosa.....	1
Dermatitis venenata.....	1
Eczema (cause unknown).....	2
Eczema seborrhoicum.....	1
Erythema (unqualified).....	1

Psoriasis	1
Sycosis vulgaris	1
Urticaria (cause unknown)	1

Diseases of the Circulatory System

Aneurism of aorta	1
Angina pectoris	1
Aortitis	1
Arteriosclerosis, general	52
Arteriosclerotic gangrene, leg	1
Asthma, cardiac	5
Auricular fibrillation	13
Coronary occlusion	1
Coronary thrombosis	3
Endocarditis, chronic	2
Endocarditis, bacterial, subacute	1
Gangrene, senile, foot	1
Gangrene, senile, toe	1
Heart disease (cause unknown)	1
Heart disease, arteriosclerotic	11
Heart disease, hypertensive	1
Heart diseases, hypertensive with nephritis	5
Heart disease, hypertensive without nephritis	1
Heart disease, rheumatic	17
Hypertension	3
Hypertension, arterial	3
Hypertension, primary	26
Hypertension, secondary	24
Myocarditis, acute	1
Myocarditis, chronic	66
Myocardial insufficiency	15
Neurosis, cardiac	1
Phlebitis, leg	4
Phlebitis, pelvic	1
Rupture, varicose vein	2
Tachycardia, paroxysmal	1
Ulcer, varicose, leg	7
Valvular disease, chronic cardiac: mitral regurgitation	3
Valvular disease, chronic cardiac: mitral insufficiency	3
Valvular disease, chronic cardiac: mitral stenosis	2
Valvular disease, chronic cardiac, combined: mitral insufficiency and stenosis	1
Varicose veins	5

Diseases of the Lymphatic System

Abscess, cervical region	4
Abscess, lymph nodes	3
Elephantiasis	1
Hypertrophy of lymph nodes	1
Lymphadenitis, axilla, acute	1
Lymphadenitis, cervical region, acute	16
Lymphadenitis, inguinal region, acute	4
Lymphadenitis, postaural region	1
Lymphangitis, arm, acute	2

Diseases of the Blood and Blood-Forming Organs

Anemia, aplastic	1
Anemia, pernicious	13

Anemia, secondary	13
Anemia, splenic	1
Hypertrophy of spleen	1
Jaundice, hemolytic	1
Leukemia, chronic	1
Lymphoblastoma (Hodgkin's type)	1
Purpura, simplex	1

Diseases of the Endocrine Glands

Frolich's syndrome	1
Goitre, adenomatous	1
Goitre, adenomatous with hyperthyroidism	4
Goitre, exophthalmic	2
Hyperthyroidism	5
Hypertrophy of thymus	1
Infection, acute, thyroid gland	1
Myxedema	1
Thyrotoxicosis	1

Diseases of the Nervous System

Abscess, brain	2
Apoplexy	1
Arteriosclerotic disease, spinal cord	1
Chorea, Sydenham's	7
Delirium tremens	1
Dementia precox	1
Dementia senile	10
Edema of brain	1
Epilepsy	25
Hemiplegia	5
Hemorrhage into cerebrum	16
Hemorrhage, subarachnoid	1
Hydrocephalus, acquired	2
Hyperemia, acute passive	1
Hysteria	1
Involution melancholia	1
Meningitis	4
Myalgia	1
Myelitis, transverse	2
Myositis	1
Neuritis, alcohol	2
Neuritis, peripheral nerve (sciatica)	1
Neuritis, toxic	1
Neurosis, anxiety	4
Neurosis, hysterical type	1
Neurosis, post aural	1
Neurosis, war	1
Paralysis, ischemic (Volkmann's)	2
Paralysis, peripheral nerves	2
Paraplegia	1
Psychoneurosis: anxiety neurosis	1
Psychoneurosis: hypochondriacal	1
Psychoneurosis: hysterical type	4
Psychoneurosis: neurasthenia	1
Psychosis, alcoholic	8
Psychosis, depressed state	1
Psychosis, manic depressive	1

Psychosis with mental deficiency	1
Psychosis, senile	2
Psychosis, toxic	1
Psychosis, unclassified	5
Sciatica	5
Sclerosis, multiple	3
Sinus thrombosis, lateral	2
Syncope	5
Torticollis	2

Diseases of Bones, Joints, Muscles, Tendons, and Fascia

Abscess, chest wall	1
Arthritis, acute, ankle	2
Arthritis, acute, hip	1
Arthritis, acute, knee	1
Arthritis, acute, leg	1
Arthritis, acute, sacro iliac region	1
Arthritis, acute, spine	1
Arthritis, acute infectious, foot	1
Arthritis, acute infectious, knees	2
Arthritis, acute infectious, wrist	1
Arthritis, chronic	1
Arthritis, chronic ankle	1
Arthritis, chronic, spine	2
Arthritis, chronic infectious, ankles	4
Arthritis, chronic infectious, feet	3
Arthritis, chronic infectious, hip	2
Arthritis, chronic infectious, joints	4
Arthritis, chronic infectious, knees	5
Arthritis, chronic infectious, leg	1
Arthritis, chronic infectious, lumbo sacral region	2
Arthritis, chronic infectious, sacro iliac region	3
Arthritis, chronic infectious, shoulder	2
Arthritis, chronic infectious, spine	2
Arthritis, chronic infectious, wrist	1
Arthropathy, Charcot's	1
Bursitis, acute, foot	1
Bursitis, acute, knee	1
Bursitis, acute, oleocranon	1
Bursitis, chronic, oleocranon	1
Bursitis, chronic, popliteal space	1
Contraction, cicatricial, axilla	1
Contraction, Dupuytren's, finger	1
Contraction, Dupuytren's, hand	1
Contracture, neck	1
Dislocation, cartilage of knee	1
Ganglion, wrist	1
Osteitis deformans (Paget's disease)	1
Osteoarthritis, acute, lumbo sacral region	1
Osteoarthritis, acute, spine	1
Osteoarthritis, acute, vertebrae	1
Osteoarthritis, chronic, spine	1
Osteoarthritis, chronic infectious, knee	2
Osteoarthritis, chronic infectious, spine	1
Osteomyelitis, chronic, elbow	1
Osteomyelitis, acute, femur	1
Osteomyelitis, acute, finger	4
Osteomyelitis, acute, thumb	2
Osteomyelitis, acute, thigh	1

Osteomyelitis, acute, tibia	1
Osteomyelitis, acute, toe	1
Osteomyelitis, chronic, femur	2
Osteomyelitis, chronic, finger	1
Osteomyelitis, chronic, humerus	2
Osteomyelitis, chronic, skull	1
Osteomyelitis, chronic, wrist	1
Periosteal tear, tibia	1
Periostitis, ankle	1
Periostitis, chronic, spine	1
Periostitis, chronic, thigh	1
Pronated feet	6
Scoliosis	1
Spondylolesthesis	1
Synovitis, acute, knee	4
Synovitis, chronic, knee	2

Diseases and Injuries of the Eye and Ear

Abscess, post aural	2
Cataract, eye	9
Conjunctivitis, acute	7
Ecchymosis of eyelid	1
Foreign body, eye	1
Glaucoma, chronic, eye	2
Hyphemia, eye	1
Keratitis, ulcerative	2
Mastoiditis, acute	24
Mastoiditis, chronic	3
Microphthalmos, eye	1
Otitis media, acute	51
Otitis media, chronic	5
Rupture globe, eye	1
Rupture membrane tympani	1
Strabismus	11
Uveitis, acute, eye	1

Diseases of the Nose and Accessory Sinuses

Deviation nasal septum	4
Epistaxis	2
Hypertrophy of turbinate	1
Pan sinusitis	1
Rhinitis, acute	1
Sinusitis, acute	2
Sinusitis, chronic	12
Spur of nasal septum	1

Diseases of the Mouth, Lips, Cheeks, Pharynx, Tonsils, and Palate

Abscess, peritonsillar	12
Abscess, retropharyngeal	2
Hypertrophy of adenoids	1
Hypertrophy of tonsils	10
Hypertrophy of tonsils and adenoids	492
Nasopharyngitis	1
Parotitis, septic	1
Pharyngitis, acute	16

Pharyngitis, chronic	1
Stomatitis	3
Tonsillitis, acute	22
Tonsillitis, acute follicular	13
Tonsillitis, chronic	4
Tonsillitis, subacute	1
Vincent's angina	8

Diseases of the Jaw, Teeth, and Gums

Abscess, alveolar	5
Abscess, molar	1
Dental caries	3
Impacted tooth	1
Infection, mouth	1
Pyorrhea, alveolaris	4

Diseases of the Tongue

Glossitis, acute	1
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Diseases of the Stomach

Adhesions about stomach	1
Gastritis, acute	8
Gastritis, alcohol	4
Gastritis, unqualified	3
Neurosis, gastric	1
Pyloric stenosis	1
Pylorospasm	2
Ulcer of stomach	8
Ulcer of stomach, peptic	5
Ulcer of stomach, perforating	3

Diseases of the Intestines

Adhesions, peritoneal	1
Appendicitis, acute	130
Appendicitis, acute with abscess	7
Appendicitis, acute with perforation	24
Appendicitis, acute with peritonitis	5
Appendicitis, chronic	24
Appendicitis, subacute	56
Colitis, acute	2
Colitis, chronic	4
Constipation	36
Diverticulum of duodenum	1
Fistula, fecal	1
Foreign body, intestine	1
Gastro enteritis	15
Hemorrhage, intestinal	1
Indigestion, acute	2
Obstipation	3
Obstruction, intestinal, acute	6
Obstruction, intestinal, chronic	1
Ulcer, duodenal	51
Ulcer, duodenal perforation	4
Visceroptosis	1

Diseases of the Liver and Biliary Tract

Cholecystitis, acute	17
Cholecystitis, chronic	24
Cholecystitis, subacute	1
Cholelithiasis, acute	3
Cholelithiasis, chronic	15
Cholemia (hepatic insufficiency)	1
Cirrhosis of liver	5
Cirrhosis of liver, alcoholic	1
Cirrhosis of liver, cardiac	1
Cirrhosis of liver (unqualified)	2
Hepatitis, chronic	2
Jaundice, catarrhal	6
Jaundice, infectious (catarrhal)	2
Jaundice, obstructive	1

Diseases of the Abdomen and Peritoneum in General

Diastasis of recti	1
Foreign body, gastro intestinal tract	1
Hernia, femoral	2
Hernia, inguinal	83
Hernia, scrotal	1
Hernia, umbilical	4
Hernia, ventral	12
Peritonitis, acute general	3
Peritonitis, unqualified	1
Torsion of omentum	1

Diseases of the Rectum and Anus

Abscess, ischio rectal	6
Abscess, peri anal	1
Fissure in anus	1
Fistula in ano	10
Hemorrhoids	11

Diseases of the Larynx

Laryngitis, acute	2
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Diseases of the Trachea and Bronchi

Abscess, bronchial	1
Bronchitis, acute	31
Bronchitis, chronic	6
Bronchitis, subacute	1
Bronchitis, unqualified	3

Diseases of the Lungs

Abscess, lung	2
Anthracosis	1
Atelectasis	1
Edema of lungs, acute	2
Pneumoconiosis (silicosis)	1

Diseases of the Pleura and Mediastinum

Empyema of pleura	9
Hemo thorax	2
Hydrothorax	1
Pleurisy with adhesions	1

Pleurisy, fibrinous	4
Pleurisy, serofibrinous	4
Pneumothorax	1

Diseases of the Kidney and Ureter

Abscess, peri nephritis	2
Hydrohephrosis	2
Nephritis, acute	8
Nephritis, acute with edema	1
Nephritis, chronic	21
Nephrolithiasis	4
Nephritis, chronic with edema	9
Nephritis, chronic without edema	14
Nephritis, subacute	1
Pyelitis	29
Pyelonephritis, acute	3
Pyelonephritis, chronic	4
Pyelonephrosis	1
Pyonephrosis	2
Renal colic	7
Rupture, kidney	1
Uremia, acute	3
Uremia, chronic	6

Diseases of the Bladder

Calculus of bladder	1
Cystitis, acute	5
Cystitis, chronic	5
Retention of urine	1

Diseases of the Urethra, Male and Female

Abscess, periurethral	1
Caruncle, urethra	1
Stricture, urethra	2

Diseases of the Male Generative Organs

Atrophy, testicle	1
Balanitis	1
Edema of penis	1
Epididymitis, acute	1
Hematoma, scrotal	1
Hydrocele	5
Hypertrophy, bladder	2
Hypertrophy, prostate	19
Orchitis, acute	1
Phimosis	10
Prostatitis, chronic	1
Stricture, meatus	1
Testicle, undescended	3
Torsion of spermatic cord	1
Varicocele	1
Vincent's infection, penis	1

Diseases of the Female Generative Organs

Abscess, pelvic	2
Abscess, vulvo-vaginal	4
Atrophy, ovary	1
Cellulitis, pelvic	1

Cyst of ovary	1
Cystocele and rectocele (trauma of parturition)	1
Dysmenorrhea	3
Dyspareunia	1
Endocervicitis	10
Endometritis	12
Erosion of cervix	4
Fibrosis of uterus	5
Foreign body in vagina	1
Hydrosalpinx	1
Laceration of cervix uteri	9
Laceration of pelvic floor	5
Laceration of perineum	2
Menopause	1
Menorrhagia	4
Metritis, chronic	2
Metrorrhagia (cause unknown)	6
Oophoritis, chronic	3
Ovarian hyperfunction	1
Ovaritis, chronic	1
Pelvic inflammation	53
Pyosalpinx	2
Relaxed pelvic floor with cystocele	3
Relaxed pelvic floor with cystocele and rectocele	4
Relaxed pelvic floor with prolapse of uterus	6
Retroversion of uterus	9
Salpingitis, acute	5
Salpingitis, chronic	10
Ulcer of cervix	4
Vulvitis	1

Diseases and Conditions Peculiar to Pregnancy and the Puerperal State

Abortion	10
Abscess, pelvic	2
Hemorrhage, placenta accreta	2
Hemorrhage, post partum	2
Hydorrhea gravidarum	2
Hyperemesis gravidarum	2
Mastitis, acute	1
Mastitis, chronic	2
Miscarriage	111
Newborn infants	632
Parturition	654
Parturition (delivered at home)	2
Phlebitis, legs	1
Pregnancy, extra uterine	5
Pregnancy, normal	71
Puerperal septicemia	2
Pyelitis, post partum	1
Pyelitis of pregnancy	4
Retained placental tissue	3
Subinvolution, uterus	5
Toxemia of pregnancy	1

Diseases of the Breast, Male and Female

Abscess, breast	6
Mastitis, acute	1
Mastitis, chronic	6

Allergy

Allergic shock following scarlet fever antitoxin	1
Asthma, bronchial	16
Serum disease following anti-tetanus serum	15
Serum disease following scarlet fever antitoxin	2
Serum disease following typhoid serum	1
Urticaria	1

Abnormalities of Urine

Glycosuria	1
Hematuria	2

Ill-Defined, or Unclassified Diseases

Debility	1
Decubitus	2
Deferred	12
Exhaustion	1
Hemorrhage, post operative following teeth extraction	6
Hemorrhage, post operative following tonsillectomy and adenoidectomy operation	14
Immersion	2
Malnutrition	3
No disease	16
Shock, electrical	1
Shock, surgical	2
Shock, traumatic	1
Suicide	2
Suicide attempted	10

OPERATING ROOM RECORD

Specific Infectious Diseases. General Diseases

Abscess, abdominal wall	2
Abscess, leg	1
Abscess, thigh	1
Carbuncle, face	1
Carbuncle, neck	5
Cellulitis, arm	1
Cellulitis, finger	1
Cellulitis, hand	1
Cellulitis, leg	1
Cellulitis, neck	1
Cellulitis, thigh	1
Furuncle, arm	1
Furuncle, buttock	1
Infection acute, back	1
Infection acute, elbow	1
Infection acute, finger	4
Infection acute, foot	3
Infection acute, hand	10
Infection acute, olecranon bursa	1
Infection acute, thumb	2
Paronchia, finger	2
Tuberculosis of lungs, chronic	8
Tuberculosis of lymph nodes	2
Tuberculosis of peritoneum	1
Tuberculosis of testicle	1
Ulcer of leg	1

Diseases of Metabolism and Deficiency

Diabetic gangrene, leg	1
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Tumors, Benign and Malignant

Adenocarcinoma, bowel	1
Adenocarcinoma, prostate	3
Adenocystoma, ovary	1
Adenoma, breast	1
Adenoma, thyroid gland	1
Carcinoma, bladder	1
Carcinoma, breast	5
Carcinoma, cervix uteri	2
Carcinoma, colon	2
Carcinoma, jaw	1
Carcinoma, lip	3
Carcinoma, parotid gland	1
Carcinoma, rectum	4
Carcinoma, sigmoid	3
Carcinoma, stomach	1
Carcinoma, tongue	1
Carcinoma, vulva	5
Cysts, breast	1
Cyst of gums	1
Cyst of jaw	1
Cyst of neck	1
Cyst of ovary	5
Cyst of thyroid	1
Epithelioma of lip	1
Fibroadenoma, breast	1
Fibroid uterus	6
Fibroma of breast	2
Fibromyoma of uterus	1
Leiomyoma of uterus	1
Lipoma, arm	1
Lipoma, back	1
Lipoma, neck	1
Lipoma, shoulder	1
Lipoma, thigh	1
Papilloma, bladder	1
Polypi, nose	2
Polyp, rectum	1
Polypus, uterus	1
Tumor, pancreas	1
Verruca, buttock	1
Wen, face	1

Congenital Malformations

Cleft palate	3
Dilatation of colon, congenital	1
Hypospadias	1
Harelip	1
Pilonidal sinus	6

Injuries

Amputation, fingers, traumatic	6
Amputation, thumb, traumatic	1
Dislocation, shoulder	1
Foreign body, finger	2
Foreign body, foot	1

Foreign body, hand	2
Foreign body, leg	1
Foreign body, lip	1
Foreign body, thumb	1
Fracture, femur	1
Fracture, femur, comminuted	1
Fracture, finger, compound	1
Fracture, humerus	1
Fracture, humerus, comminuted	1
Fracture, metatarsal, comminuted	1
Fracture, radius, compound	2
Fracture, thumb, compound	1
Fracture, tibia, compound, comminuted	1
Gangrene, finger	1
Ruptured liver, traumatic	1
Severed tendon, arm	1
Severed tendon, finger	3
Severed tendon, hand	1
Severed tendon, thumb	1
Severed tendon, toe	1
Severed tendon, wrist	1
Ulcer of leg, traumatic	1
Wounds, gunshot, leg	1

Diseases of the Skin

Abscess, alveolar	1
Abscess, axillary	1
Abscess, thumb	1
Abscess, forehead	1
Abscess, heel	2
Abscess, jaw	1
Abscess, neck	1
Abscess, scalp	1
Abscess, shoulder	2
Abscess, submental	1
Abscess, thigh	

Diseases of the Circulatory System

Gangrene, arteriosclerotic, leg	2
Gangrene, senile, foot	1
Phlebitis, leg	1
Varicose veins	4
Abscess, cervical region	1
Abscess, lymph nodes	3
Lymphadenitis, cervical region	3
Lymphadenitis, inguinal region, acute	2

Diseases of the Blood and Blood-Forming Organs

Anemia, splenic	1
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Diseases of the Endocrine Glands

Goitre, adenomatous with hyperthyroidism	2
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Diseases of the Nervous System

Hydrocephalus, acquired	2
Paralysis, peripheral nerves	1

Diseases of the Bones, Joints, Muscles, Tendons, and Fascia

Bursitis, olecranon, chronic	1
Contracture, Dupuytren's	1
Contracture, neck	1
Dislocation, cartilage, knee	1
Ganglion, wrist	1
Osteomyelitis, acute, finger	1
Osteomyelitis, acute, thumb	1
Osteomyelitis, acute, thigh	1
Osteomyelitis, acute, tibia	1
Osteomyelitis, chronic, femur	1
Osteomyelitis, chronic, finger	3
Osteomyelitis, chronic, humerus	5
Osteomyelitis, chronic, skull	1

Diseases and Injuries of the Eye and Ear

Cataract, eye	7
Glaucoma, eye, chronic	1
Mastoiditis, acute	25
Mastoiditis, chronic	1
Microphthalmos, eye	1
Rupture globe of eye	1
Strabismus	12

Diseases of the Nose and Accessory Sinuses

Deviation, nasal septum	4
Hypertrophy of turbinate	1
Sinusitis, chronic	7
Spur of nasal septum	1

Diseases of the Mouth, Lips, Cheeks, Pharynx, Tonsils, and Palate

Hypertrophy of tonsils	8
Hypertrophy of tonsils and adenoids	478

Diseases of the Jaw, Teeth, and Gums

Abscess, alveolar	1
Dental caries	1
Impacted tooth	1

Diseases of the Stomach

Gastritis, acute	1
Gastritis, unqualified	1
Ulcer of stomach	1
Ulcer of stomach, perforating	2

Diseases of the Intestines

Appendicitis, acute	117
Appendicitis, acute with abscess	6
Appendicitis, acute with perforation	25
Appendicitis, acute with peritonitis	7
Appendicitis, chronic	18
Appendicitis, subacute	51
Obstruction, intestinal	3
Ulcer, duodenal perforated	5

Diseases of the Liver and Biliary Tract

Cholecystitis, acute	2
Cholecystitis, chronic	7
Cholecystitis, subacute	1
Cholelithiasis, chronic	9

Diseases of the Abdomen and Peritoneum in General

Hernia, femoral	2
Hernia, inguinal	59
Hernia, umbilical	1
Hernia, ventral	6
Torsion of omentum	1

Diseases of the Rectum and Anus

Abscess, ischio rectal	4
Abscess, peri anal	1
Abscess, vulvo-vaginal	1
Fistula in ano	8
Hemorrhoids, external	4
Hemorrhoids, internal and external	1

Diseases of the Pleura and Mediastinum

Empyema of pleura	10
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Diseases of the Kidney and Ureter

Abscess, peri nephritic	1
Pyonephrosis	2
Nephrolithiasis	2

Diseases of the Urethra (Male and Female)

Abscess, periurethral	1
Caruncle of urethra	1
Stricture of urethra	1

Diseases of the Male Generative Organs

Atrophy, testicle	1
Hematoma, scrotal	1
Hydrocele	2
Hypertrophy of prostate	17
Phimosis	6
Stricture, meatus	1
Testicle, undescended	2
Torsion of spermatic cord	1
Varicocele	1

Diseases of the Female Generative Organs

Abscess, pelvic	1
Abscess, vulvo-vaginal	2
Cellulitis, pelvic	1
Dysmenorrhea	2
Dyspareunia	1
Endocervicitis	3
Endometritis, acute	1
Endometritis, chronic	7
Fibrosis, uterus	3
Foreign body, vagina	1
Hydrosalpinx	1
Laceration of cervix uteri	4

Laceration of pelvic floor	1
Menorrhagia	3
Metrorrhagia (cause unknown)	2
Pelvic inflammation	1
Pyosalpinx	2
Relaxed pelvic floor with cystocele	1
Relaxed pelvic floor with cystocèle and rectocele	3
Relaxed pelvic floor with prolapse of uterus	0
Retroversion of uterus	5
Salpingitis, acute	3
Salpingitis, chronic	4

Diseases and Conditions Peculiar to Pregnancy and the Puerperal State

Abscess, pelvic	2
Abortion	4
Miscarriage	81
Parturition, caesarian	13
Pregnancy, extra uterine	6
Retained placental tissue	2
Subinvolution of uterus	3
Ulcer of cervix	3

Diseases of the Breast (Male and Female)

Abscess, breast	6
Mastitis, acute	1
Mastitis, chronic	5

DEATHS

Specific Infectious Diseases — General Diseases

Cellulitis, neck	1
Diphtheria, laryngeal	1
Erysipelas, face	1
Erysipelas, neck	1
Meningitis, epidemic cerebrospinal (meningococcic)	1
Meningitis, streptococci	1
Meningitis, tuberculous	1
Pneumonia, broncho	49
Pneumonia, lobar	13
Poliomyelitis, anterior	
Sepsis, general	2
Syphilis of central nervous system: general paresis	1
Syphilis of central nervous system: vascular	1
Tuberculosis of lungs	1

Diseases of Metabolism and Deficiency

Diabetes mellitus	1
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Diseases Peculiar to Infancy

Asphyxia, neonatorum	1
Atelectasis, congenital	1
General debility, infantile	1
Hemorrhage, cerebral, due to hemorrhagic disease of newborn	3
Malnutrition	1
Neonatorum, pemphigus	1
Prematurity	13

Diseases Due to Physical Agents

Burns	2
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Poisonings. Intoxications

Alcoholism, acute	7
Alcoholism, chronic	3
Poisoning, acute, arsenic	1

Tumors, Benign and Malignant

Carcinoma, bladder	1
Carcinoma, gall bladder	1
Carcinoma, pancreas	1
Carcinoma, rectum	1
Carcinoma, sigmoid	2
Carcinoma, stomach	3
Carcinoma, vulva	1
Carcinomatosis	2
Tumor, lung	1

Congenital Malformations

Heart disease congenital: Paten ductus arteriosus	2
Concussion	1
Fracture of skull	11

Diseases of the Circulatory System

Aneurism, ruptured, thoracic aorta	1
Angina pectoris	1
Arteriosclerosis, general	8
Asthma, cardiac	1
Auricular fibrillation	1
Coronary occlusion	1
Coronary thrombosis	1
Endocarditis, acute	1
Gangrene, senile, foot	1
Heart disease, arteriosclerotic	5
Heart disease, rheumatic	5
Hypertension, primary	3
Hypertensive heart disease with nephritis	1
Myocarditis, acute	1
Myocarditis, chronic	34
Myocardial insufficiency	1
Rheumatic heart disease	2
Valvular disease, chronic cardiac: mitral stenosis	1

Diseases of the Blood and Blood-Forming Organs

Anemia, pernicious	1
Anemia, secondary	1
Leukemia, chronic	1
Purpura hemorrhagica	1

Diseases of the Nervous System

Abscess, brain	1
Epilepsy	2
Epilepsy, Jacksonia	2

Hemorrhage into cerebrum	7
Hemorrhage, subarachnoid	1
Hydrocephalus, acquired	1
Meningitis	1
Psychosis, alcoholic: delirium tremens	2

Diseases of Bones, Joints, Muscles, Tendons and Fascia

Osteomyelitis, femur, acute	1
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Diseases and Injuries of the Eye and the Ear. Diseases of the Eye

Mastoiditis, acute	1
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Diseases of the Stomach

Ulcer of stomach, perforating	3
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Diseases of the Intestines

Appendicitis, acute with perforation	1
Appendicitis, acute with peritonitis	2
Colitis, acute	1
Diverticulitis with perforation	1
Hemorrhage, intestinal	1
Obstruction, intestinal, acute	3
Obstruction, intestinal, chronic	1
Paralytic ileus	1
Ulcer, duodenal, perforated	1

Diseases of the Liver and Biliary Tract

Cholecystitis, acute	2
Cholecystitis, chronic	1
Cirrhosis of liver, alcoholic	1
Cirrhosis of liver (unqualified)	1
Pancreatitis, hemorrhagic, acute	1

Diseases of the Abdomen and Peritoneum in General

Hemoperitoneum	1
Hernia, femoral	1
Hernia, strangulated	1
Peritonitis, acute, general	7
Peritonitis, pneumococcus	1

Diseases of the Trachea and Bronchi

Tracheitis	1
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Diseases of the Lungs

Abscess, lung	1
Embolism, pulmonary	8

Diseases of the Pleura and Mediastinum

Empyema of pleura	1
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Diseases of the Kidney and Ureter

Nephritis, acute	2
Nephritis, chronic	3
Nephritis, chronic with edema	1
Pyelonephritis, chronic	2
Uremia, acute	4
Uremia, chronic	1
Urinary suppression	1

Diseases of the Urethra, Male and Female

Periurethritis, gangrenous (Extravasation of urine)	1
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Diseases and Conditions Peculiar to Pregnancy and the Puerperal State

Abortion	1
Hemorrhage, placenta previa	1
Puerperal embolism	1
Puerperal septicemia	1
Stillborn	29

Ill-Defined, or Unclassified Diseases

Shock, surgical	3
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REPORT OF THE
SUPERINTENDENT OF THE CAMBRIDGE CEMETERY

September 1, 1934.

To His Honor the Mayor and the City Council:

I hereby submit to you the eightieth annual report of the Superintendent of the Cambridge Cemetery, the same being for the period beginning January 1, 1933 and ending December 31, 1933.

The receipts have been as follows:

Burial fees	\$11,071 00
Foundations	3,370 02
Brick and slate graves	227 00
Repairs to lots and graves	561 50
Evergreen	2,400 00
Annual care	1,520 50
Tomb fees	27 00
Removals	216 00
Chapel fees	133 00
Sales of lots and graves	21,673 00
Sundries	37 50
Interest on Perpetual Care Fund	8,952 05
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Total receipts	\$50,188 57
Lots taken into perpetual care	86
Amount received for deposit in Perpetual Care Fund	\$7,180 25

The following statistics may be of interest:

Interments made from January 1, 1933 to December 31, 1933	913
Total number of interments to December 31, 1933	48,421
Graves sold January 1, 1933 to December 31, 1933	271
Lots sold January 1, 1933 to December 31, 1933	117
Graves ready for sale	150
Lots ready for sale	100
Estimated value of lots and graves ready for sale	\$25,000 00
Lots and graves in annual care for season	284

EXPENDED FOR SALARIES JANUARY 1, 1933 TO DECEMBER 31, 1933

A-1 Appropriation	\$24,990 00
Transferred from A-2	25 00

A-1 Total Appropriation	\$25,015 00
Amount expended for salaries and wages	25,015 00

Balance	\$00,000 00
A-2 Appropriation	\$20,010 00
Transferred to various supply appropriations	149 87

Balance	\$19,860 13
Transferred to A-1 Appropriation	25 00

A-2 Total Appropriation Balance	\$19,835 13
Amount expended for help loaned from Street Department	1,154 88

Balance	\$18,680 25
Amount expended on transient men	18,473 66

Net balance returned to Treasurer	\$206 59
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A-1-2 TOTAL EXPENDITURES

A-1 and A-2 Amount expended for salaries and labor	\$44,643 54
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EXPENDED AS FOLLOWS

Superintendent	\$3,300 00
Assistant Superintendent	2,652 00
Permanent men	19,063 00
Transient men including help loan from Street Department	19,628 54

Total	\$44,643 54
A-1 and A-2 Total appropriations	44,850 13
A-1 and A-2 Total expended for salaries and wages	44,643 54

Balance	\$206 59
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SUPPLY APPROPRIATIONS AND EXPENDITURES

	<i>Total Appropriation</i>	<i>Expended</i>
Schedule B	\$914 46	\$914 46
Schedule C	440 95	440 95
Schedule D	3,236 14	3,236 14
Schedule E	872 89	872 35
Schedule F	5,900 43	4,900 43

Total appropriation	\$11,364 87	Expended	\$10,364 33
Total expended	10,364 87		

Unexpended Balance	\$1,000 54
F-13 Appropriation carried over to 1934	1,000 00

Unexpended balance returned	\$ 54
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TOTAL UNEXPENDED BALANCES

A-2 Unexpended balance	\$206 59
E-13 Unexpended balance	54

Total unexpended balance returned to Treasurer	\$207 13
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In submitting this eightieth annual report I again make the following recommendations: That if possible the land abutting the Cemetery which is owned by Mt. Auburn Cemetery be purchased and added to the Cemetery before it is sold for real estate development. I also recommend that filling be purchased for the filling in of our lowlands so this land can be made available for burial purposes. That new equipment for the Cemetery be purchased in the form of one small dump truck, one lowering device, three sets of evergreen and a department automobile.

I also again recommend an appropriation for the purchase of permanent markers to mark the perpetual care lots. I again recommend an appropriation for the building of a garage containing room for storage of tools and equipment and also a workshop. I again recommend an appropriation for the building of permanent roads in the Cemetery. I also recommend that an appropriation be made to repair the Cemetery fence and also to fence in the remainder of the Cemetery. I also recommend that our regular force of men be increased by four men on account of men having died and being pensioned from our regular force.

Respectfully submitted,

THOMAS J. CAVANAGH,
Superintendent.

REPORT OF CITY MISSIONARY

Cambridge, Mass., January 2, 1934.

To His Honor the Mayor and the City Council:

I herewith present the annual report of my stewardship as City Missionary for the past year in the cause of temperance. I have attended the sessions of the Third District Court about every day, and I have sometimes visited the station houses on Sundays. I have spoken kind and encouraging words to 66 females and 1,695 males. I have talked moral suasion to them as forcibly as I could, as I think more good can be accomplished in that way than any other.

I am working in perfect harmony with the Court, Police and Probation Officers, and any recommendation of mine is given favorable consideration. In conclusion, gentlemen, if temperance does not gain this year, it will be through no neglect of mine.

Respectfully,

JOHN F. CAWLEY,
City Missionary.

APPENDICES

CITY ORDINANCES

ELECTION COMMISSIONERS

WATER BOARD

BOARD OF HEALTH

PUBLIC LIBRARY

SCHOOL COMMITTEE

CITY OF CAMBRIDGE

MASSACHUSETTS

ORDINANCES

Passed to be Ordained

From January 1, 1933 to December 31, 1933



PRINTED UNDER THE DIRECTION OF THE CITY CLERK

ORDINANCES

PASSED TO BE ORDAINED FROM JANUARY 1, 1933
TO DECEMBER 31, 1933

AN ORDINANCE

In amendment to an Ordinance entitled: "Construction, Use, Maintenance and Inspection of Buildings."

Be it ordained by the City Council of the City of Cambridge as follows:

The Zone Map accompanying ordinance adopted December 31, 1923, and approved January 7, 1924, entitled: "Construction, Use, Maintenance and Inspection of Buildings" is hereby amended by establishing new lines and striking out the designation B-3 as shown on said Zone Map and substituting in place thereof new lines and the designation R-3, in so far as the said Zone Map relates to the following described parcels of land:

Parcel No. 1

Beginning at a point at the intersection of the northerly line of Walden Street and the easterly line of Wood Street, thence running northerly one hundred (100) feet along the easterly line of Wood Street, thence easterly about three hundred and forty-eight (348) feet along a line one hundred (100) feet distant from and parallel to the northerly line of Walden Street and to a point one hundred (100) feet westerly from the westerly line of Raymond Street, thence southerly one hundred (100) feet along a line one hundred (100) feet distant from and parallel to the westerly line of Raymond Street, thence westerly along the northerly line of Walden Street about three hundred and forty-five (345) feet to the point of beginning. Containing about 34,650 square feet, more or less. All the above measurements are more or less.

The above described parcel of land is shown upon a plan entitled: "City of Cambridge Zoning Map" on file in the office of the City Engineer of Cambridge, Mass.

Parcel No. 2

Beginning at a point at the intersection of the southerly line of Walden Street and the easterly line of Newell Street, thence

easterly along the southerly line of Walden Street four hundred and seventy (470) feet more or less to a corner one hundred (100) feet westerly from the westerly line of Raymond Street, thence southerly two hundred and eighty (280) feet, more or less, along a line one hundred (100) feet distant westerly from and parallel to the westerly line of Raymond Street, thence westerly three hundred and eighty-two (382) feet, more or less, to a line ninety (90) feet distant from and parallel to the northerly line of Upland Road to a corner in the easterly line of Newell Street, thence northerly along the easterly line of Newell Street three hundred and nineteen (319) feet, more or less, to the point of beginning. Containing about 126,000 square feet, more or less. All the above measurements are more or less.

The above described parcel of land is shown upon a plan entitled: "City of Cambridge Zoning Map" on file in the office of the City Engineer of Cambridge, Mass.

Passed to be ordained January 10, 1933.

Approved by the Mayor, January 12, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 51 of Article VIII, as amended by ordinance adopted by the City Council on March 17, 1931 and vetoed by the Mayor on March 24, 1931, and passed to be ordained over veto by the City Council on April 21, 1931, and as further amended by ordinance adopted by the City Council on August 16, 1932, and approved by His Honor the Mayor on August 18, 1932, is hereby further amended by striking out the said Section 51 and inserting in place thereof the following:

Section 51: Safety zones or islands shall be provided at all car stops on Massachusetts Avenue, from Waterhouse Street to the Arlington Line; and no parking shall be permitted between such safety zones or islands and the curb, or within twenty feet of such safety zones or islands. Vehicles shall proceed to the right of such islands.

Passed to be ordained January 3, 1933.

Approved by the Mayor, January 5, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the westerly side of Bigelow Street from Massachusetts Avenue to and including premises numbered 15 on said Bigelow Street."

Passed to be ordained January 31, 1933.

Approved by the Mayor, February 2, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the easterly side of Second Street between Cambridge Street and Gore Street."

Passed to be ordained January 31, 1933.

Approved by the Mayor, February 2, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the easterly side of Inman Street for more than one hour."

Passed to be ordained January 31, 1933.

Approved by the Mayor, February 2, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII is hereby amended by including in the list of one-way streets the following:

“Fourth Street, from Winter Street to Northern Artery, in a northerly direction.”

Passed to be ordained February 7, 1933.

Approved by the Mayor, February 9, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: “Regulation of Traffic.” Be it ordained by the City Council of the City of Cambridge as follows:

Section 17 of Article V is hereby amended by striking out the entire section and substituting in place thereof the following:

Section 17. Grade Crossings. At any railroad grade crossing in the city, where gates have been eliminated and where the crossing is protected with red, yellow and green lights operated automatically or manually no vehicle shall cross the railroad tracks except when a green light shows.

Passed to be ordained February 7, 1933.

Approved by the Mayor, February 9, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: “Regulation of Traffic.” Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new sections:

“No vehicle shall be permitted to park on the westerly side of Brattle Street, between Story Street and a point opposite James Street, for more than one hour.”

“No vehicle shall be permitted to park on the easterly side of Brattle Street, between Church Street and James Street, for more than one hour.”

Passed to be ordained March 14, 1933.

Approved by the Mayor, March 16, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the easterly side of Eliot Street for more than one hour."

Passed to be ordained March 28, 1933.

Approved by the Mayor, March 30, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the northerly side of Concord Avenue between Huron Avenue and a point approximately 100 feet westerly of Huron Avenue."

Passed to be ordained March 28, 1933.

Approved by the Mayor, March 30, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended in Section 5 by adding, after the end of the line "Carleton Street, from Main Street to Amherst Street" the following words: "on the easterly side."

As amended, the Section will read as follows:

Section 5. Between midnight and 11 a.m. no vehicle shall be permitted to park for more than one hour in the following streets:

In Vicinity of Kendall Square: Wadsworth Street, from Main Street to Amherst Street; Hayward Street, from Main Street to Amherst Street; Carleton Street, from Main Street to Amherst Street, on the easterly side; Ames Street, from Main Street to Amherst Street; Broadway, from Third Street to Sixth Street.

Passed to be ordained March 28, 1933.

Approved by the Mayor, March 30, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the southerly side of Concord Avenue between Huron Avenue and a point approximately one hundred feet easterly of Huron Avenue."

Passed to be ordained March 28, 1933.

Approved by the Mayor, March 30, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof, the following new section:

"No vehicle shall be permitted to park on the westerly side of Carleton Street, from Main Street to Deacon Street."

Passed to be ordained March 28, 1933.

Approved by the Mayor, March 30, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the southeasterly side of Rice Street."

Passed to be ordained April 18, 1933.

Approved by the Mayor, April 20, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Construction, Use, Maintenance and Inspection of Buildings."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 89 of Division 11, Paragraph 4, relative to foundations below grade for third-class buildings is hereby amended by adding after table of dimensions in said paragraph the following:

“The Superintendent may approve the use of concrete block foundations of the same wall thickness and footing width as for brick foundations as noted in the above table under such conditions as the Superintendent may specify.”

Passed to be ordained April 18, 1933.

Approved by the Mayor, April 20, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: “Standing Regulations of the Board of Aldermen — Use of Streets by Vehicles.”

Be it ordained by the City Council of the City of Cambridge as follows:

Section 10 is hereby amended by adding at the end thereof the following:

“The provisions of this section shall not apply to the entrance to, exit from, or approaches to the subway station located in the center of Harvard Square; or the easterly side of Massachusetts Avenue from a point opposite Dunster Street to a point opposite Church Street.”

Passed to be ordained April 25, 1933.

Approved by the Mayor, April 27, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: “Regulation of Traffic.”

Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by striking out the following section:

“No vehicle shall be permitted to park on the northerly side of Concord Avenue between Huron Avenue and a point approximately one hundred feet westerly of Huron Avenue.”

Passed to be ordained May 9, 1933.

Approved by the Mayor, May 11, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by striking out the following section:

"No vehicle shall be permitted to park on the southerly side of Concord Avenue between Huron Avenue and a point approximately one hundred feet easterly of Huron Avenue."

Passed to be ordained May 9, 1933.

Approved by the Mayor, May 11, 1933.

AN ORDINANCE

Concerning Certain Sports and Games on the Lord's Day
Be it ordained by the City Council of the City of Cambridge as follows:

Said ordinance is hereby amended in Section 6 and by the addition of a new Section 7.

As amended these sections will read as follows:

Section 6. Permits for use of Russell Field for sports or games on Sunday shall be issued by the Board of Park Commissioners at the discretion of the Board. When admission is charged the fee for the use of said field for such Sunday games or sports shall be determined by the Board of Park Commissioners, but shall not be less than twenty-five dollars (\$25) payable at said office before permit is issued. When no admission is charged the field shall be free. Police protection satisfactory to the Board of Park Commissioners or its authorized agent shall be furnished by the person or organization to whom permit is issued.

Section 7. An additional fee of fifty dollars (\$50) shall be charged when permit is granted for hurling, soccer or Gaelic football games, which amount shall be reserved for appropriation for reconditioning or repairs that may be necessary to said field.

Passed to be ordained May 9, 1933.

Approved by the Mayor, May 11, 1933.

AN ORDINANCE

Establishing a Division of Finance, a Purchasing Agent, and a Budget Examiner.

Be it ordained by the City Council of the City of Cambridge:

Section 1. The Treasury Department, the Auditing Department, the Purchasing Department, and the Sinking Fund Department, are hereby constituted one division of the city government, to be known as the Division of Finance.

Section 2. The Division of Finance shall be under the charge of the Director of Finance.

Section 3. The City Auditor shall be Comptroller of Accounts and *ex officio* the Director of Finance.

Section 4. It shall be the duty of the Director of Finance to supervise the work being carried on within the Division of Finance. He shall have access to all the books and records of each department. As such supervisor, he shall suggest and, if necessary, prescribe ways and means whereby the work within any department of the Division of Finance may be carried on more efficiently. He may, with the consent of any department head or commissioner in charge of a department, direct that any employee of any department may temporarily perform work in some other department, or that mechanical equipment not in use by one department may be transferred to and used by some other department, or that office space not in use by one department may be used by another department.

Section 5. The Director shall have general control over the personnel in each of the departments of the Division, and no increase or decrease of such personnel whether permanent or temporary shall be made without his approval.

Section 6. The Director shall have power to require any department or official of the city to establish methods of cost accounting for such department or work under the control of such official, which shall accurately reflect the cost to the city of performing any service or services performed by such department or official.

Section 7. No estimate of a specified salary for any employee, whether permanent or temporary, within the Division of Finance, shall be submitted to the Mayor to be used in the preparation of the budget without submitting the same to the Director for approval. But if a salary is an item in an enacted budget, it shall

be paid without such approval. Wherever the salaries or rate of payment of any employee within the Division shall not have been determined by the budget or by ordinance, such salary or rate of payment shall not be determined without the approval of the Director, and no liability shall be incurred for such work and labor done without the approval of the Director.

Section 8. The Purchasing Department shall be under the head of the Purchasing Agent.

Section 9. The Purchasing Agent shall be appointed by the Mayor, subject to the confirmation of the City Council, and shall hold office for two years from the first day of the month upon which his appointment is confirmed, or until a successor is appointed and confirmed.

Section 10. A vacancy in the office of Purchasing Agent shall be filled for the residue of the term in the same manner in which the office is originally filled.

Section 11. The Purchasing Agent shall give a bond for the faithful performance of his duties in such form as the city solicitor shall approve, in a sum not less than ten thousand dollars. The bond shall be executed, approved and delivered before he enters upon the duties of his office and within ten days after his confirmation.

Section 12. Should the Purchasing Agent fail to give the required bond, his appointment shall be void and a new appointment shall be made forthwith.

Section 13. In case of the dissolution or insolvency of any of the sureties on the Purchasing Agent's bond, the Purchasing Agent shall, upon notice from the Mayor, give a new bond with sufficient surety or sureties. If the Purchasing Agent fails to give such new bond within ten days after notice by the Mayor to do so, such failure shall be sufficient cause for his removal from office.

Section 14. The Purchasing Agent shall receive such salary as the City Council shall from time to time determine, which shall be in full compensation for all services rendered in his official capacity.

Section 15. The Purchasing Agent shall devote his entire time to the performance of his duties and shall receive no compensation of whatever nature other than his stipulated salary for any service rendered by him in his official or unofficial capacity.

Section 16. The Purchasing Agent shall have authority to

employ clerks and storekeepers as may be necessary for the adequate performance of the duties vested in the department.

Section 17. The Purchasing Agent shall purchase all equipment, materials and supplies for the city or any department thereof, except in case of emergency.

Section 18. Any department head or official of the city in need of equipment, materials or supplies shall make requisition for the same of the Purchasing Agent upon requisition blanks, which shall be devised and supplied by the Purchasing Agent.

Section 19. Equipment, materials or supplies delivered by the Purchasing Agent to any department or official shall be billed to such department or official in such form as may be prescribed by the Purchasing Agent. When such equipment, materials or supplies have been delivered and receipted therefor by the department or official that ordered them, the receipt shall be retained by the Purchasing Agent and the bill shall be transmitted to the auditor by the department or official.

Section 20. The Purchasing Agent shall survey the needs of the city and its departments and shall have authority to purchase in advance of requisition such equipment, materials or supplies as may be needed, which shall thereafter, upon requisition, be furnished the various departments and officials.

Section 21. The Purchasing Agent shall have authority to lease, with the approval of the Mayor, premises necessary for the storing of such goods as he may purchase.

Section 22. No liability shall be incurred upon purchases made by the Purchasing Agent until they shall have been approved by the Director of Finance.

Section 23. All purchases or contracts for purchases except purchases made under Section 28 of this ordinance exceeding one hundred dollars shall be based upon competition, and all purchases or contracts for purchases of five hundred dollars or over shall be made in the manner now provided by the ordinances.

Section 24. The Purchasing Agent shall not purchase any equipment, materials or supplies for or in behalf of any individual, whether or not such individual is an official or employee of the city, when such equipment, materials or supplies are not to be used in the business of the city.

Section 25. An appropriation shall be made to the Purchasing Department to be known as the Purchasing Department Re-

serve Fund, to which all purchases of equipment, materials or supplies, not made upon the basis of specific requisitions, shall be charged and to which all payments by departments and officials for such equipment, materials or supplies shall be credited.

Section 26. The Purchasing Agent shall within a reasonable time after the end of each month report to the Director of Finance the purchases made by him during the month preceding and also equipment, materials or supplies furnished by him to each department or official.

Section 27. The Purchasing Agent shall keep a record of the prices paid for equipment, materials or supplies, which shall be open at all reasonable times for public inspection.

Section 28. All personal property of the city not needed for public use or that may have become unsuitable for use, shall upon the written recommendation of the department head or official in charge of such property and the approval of the Mayor, be sold by the Purchasing Agent, or, in the judgment of such Purchasing Agent, may be purchased by him for some other department.

Section 29. All sales of personal property made by the Purchasing Agent, other than purchases of property for the use of some other department made under Section 28 of this ordinance, where the value of such property exceeds one hundred dollars, shall be made in public, by auction or otherwise, and, if by auction, advertisements of the time and place of such auction shall be made in a newspaper published in the city at least one week in advance, and such property shall be sold to the highest bidder, unless in the opinion of the Purchasing Agent such bid is less than the value of the property.

Section 30. All moneys received from the sale of personal property belonging to the city shall be payable to the city treasury, and the Purchasing Agent shall after any such sale report to the Auditor the amount of moneys receivable therefrom.

Section 31. All expenses incurred by the Purchasing Agent in conducting any sale of the personal property of the city shall be approved by the Director of Finance before payment.

Section 32. The Purchasing Agent shall at such times as he may deem reasonable inspect the equipment, materials or supplies under the charge of any department or official.

Section 33. The Purchasing Agent shall have power to standardize equipment, materials and supplies used by the different

departments, and shall also have authority to institute or order investigations or experiments to be made to determine the comparative value or efficiency of any products or commodities whenever it would seem that a possible saving might accrue to the city by the adoption or purchase of such product or commodity.

Section 34. All equipment, materials or supplies purchased, except emergency purchases, shall be inspected by or under the supervision of the Purchasing Agent.

Section 35. Each department of the city and every commission, board or official in charge of any city property, shall make an annual inventory at such times as the Purchasing Agent may direct of the personal property under its or his charge, and a copy of such inventory shall be forwarded to the Purchasing Agent, and between the first and the twentieth day of December in each year shall forward to the Purchasing Agent an estimate of the equipment, materials, and supplies that will be needed by each department, commission, board or official for the ensuing year.

Section 36. In case of emergency, a department head or official may directly purchase such equipment, materials or supplies as may be needed, but before any liability shall accrue to the city from such purchase, approval of the purchase and of the necessity for such purchase shall be given by the Mayor.

Section 37. The Purchasing Agent shall annually, within twenty days after the close of the year, make a report to the Mayor and City Council of the activities of his department, which shall contain an account of equipment, materials and supplies bought, furnished and sold, and the prices paid or received therefor, an inventory of equipment, materials and supplies on hand, and such recommendations as he shall deem expedient.

Section 38. Sections 17 to 37 of this ordinance shall go into effect at such time, after the appointment and confirmation of a Purchasing Agent, as shall be established by proclamation of the Mayor.

Section 39. The Budget Examiner shall be appointed by the Mayor, subject to the confirmation of the City Council, and shall hold office for one year from the first day of the month upon which his appointment is confirmed.

Section 40. A vacancy in the office of Budget Examiner shall be filled for the residue of the term in the same manner in which the office is originally filled.

Section 41. The Budget Examiner shall receive such salary as the City Council shall from time to time determine, which shall be in full compensation for all services rendered in his official capacity.

Section 42. The Budget Examiner shall be attached to the city auditing department.

Section 43. The Budget Examiner shall inquire into actual and proposed expenditures of the city and its departments, and shall be charged with bringing together the estimates of the financial needs of the city and the checking of those estimates against information relative to past expenditures and income.

Section 44. The Budget Examiner shall have the authority at any time to examine into and investigate the work of any city department or official, to require reports from such department or official relative to any and all costs of operation, and to require statements from any department or official as to the reasons making necessary or desirable any proposed expenditure.

Section 45. The Budget Examiner shall have access at any time to the records of any city department or official.

Section 46. The Budget Examiner shall be under a duty to report to the Mayor with reasonable despatch such information as the Mayor may desire, relative to his activities or to the activities of any department or official, with reference to which the Budget Examiner is under a duty of investigation.

Section 47. The Budget Examiner shall make recommendations to the Mayor as to the ways and means whereby the work of any department or official may be more efficiently or economically done.

Section 48. The Budget Examiner shall perform such other duties with reference to the preparation of the city budget as the Mayor may require.

Section 49. The Budget Examiner shall perform such other duties as he may perform without neglect of the duties expressly imposed upon him by this ordinance, within the Division of Finance as the Director may require of him.

Section 50. If any provision of this ordinance or the application thereof to any person or circumstance is held invalid, as being in conflict with general law or otherwise, the remainder of this ordinance and the application of its provisions to other persons or circumstances shall not be affected thereby.

Section 51. All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 52. This ordinance shall take effect upon passage.

Passed to be ordained May 9, 1933.

Approved by the Mayor, May 17, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Article VII, relative to one-way streets, is hereby amended by striking out the following:

"Fourth Street, from Winter Street to Northern Artery, in a northerly direction," and substituting in place thereof the following:

"Fourth Street, from Northern Artery to Winter Street, in a southerly direction."

Passed to be ordained June 6, 1933.

Approved by the Mayor, June 8, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII is hereby amended by including in the list of one-way streets the following:

"Clinton Street from Harvard Street to Massachusetts Avenue in a southerly direction."

Passed to be ordained July 5, 1933.

Approved by the Mayor, July 7, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the westerly side of Mason Street between Garden Street and Phillips Place."

Passed to be ordained July 24, 1933.

Approved by the Mayor, July 26, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

"No vehicle shall be permitted to park on the easterly side of Third Street between Cambridge Street and Northern Artery."

Passed to be ordained July 24, 1933.

Approved by the Mayor, July 26, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following section:

"No vehicle shall be permitted to park on the northwesterly side of Sidney Street, between Erie Street and Pacific Street."

Passed to be ordained August 8, 1933.

Approved by the Mayor, August 10, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII is hereby amended in the list of one-way streets by striking out the following:

"Franklin Street one-way from Pearl Street to Magazine Street in a northwesterly direction" and substituting in place thereof the following new section:

"Franklin Street one-way from Pearl Street to River Street in a northwesterly direction."

Passed to be ordained August 8, 1933.

Approved by the Mayor, August 10, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 5 of Article VIII is hereby amended under the heading "In Vicinity of Harvard Square" by adding the following:

Massachusetts Avenue abutting on Cambridge Common.

Waterhouse Street abutting on Cambridge Common.

Passed to be ordained August 8, 1933.

Approved by the Mayor, August 10, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by inserting after Section 51 the following new section to be designated Section 51A.

Section 51A. Signs shall be erected on Massachusetts Avenue near Arlington line and on Massachusetts Avenue near Waterhouse Street, warning of location of safety islands between these two points.

Passed to be ordained October 10, 1933.

Approved by the Mayor, October 13, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following new section:

No vehicle shall be permitted to park on Allen Street between Massachusetts Avenue and a point approximately 135 feet easterly of Massachusetts Avenue.

Passed to be ordained October 24, 1933.

Approved by the Mayor, October 26, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by adding at the end thereof the following section:

No vehicle shall be permitted to park on the easterly side of Springfield Street between Cambridge Street and the Somerville line.

Passed to be ordained October 24, 1933.

Approved by the Mayor, October 26, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII, "One-Way Streets," is hereby amended by striking out the following section:

Allen Street in a southwesterly direction.

Passed to be ordained October 24, 1933.

Approved by the Mayor, October 26, 1933.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Article VIII is hereby amended by striking out the following: "No vehicle shall be permitted to park on the northwesterly side of Sidney Street, between Erie Street and Pacific Street," and substituting in place thereof the following new sections:

"No vehicle shall be permitted to park on the northwesterly side of Sidney Street, between Emily Street and Pacific Street."

"No vehicle shall be permitted to park on the southeasterly side of Sidney Street, between Erie Street and a point directly opposite the centre line of Emily Street."

Passed to be ordained December 26, 1933.

Approved by the Mayor, December 28, 1933.

CITY OF CAMBRIDGE

MASSACHUSETTS

REPORT

OF THE

BOARD OF ELECTION
COMMISSIONERS

For the Year Ending December 31, 1933



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

SPECIAL PRIMARY MAY 31, 1933,
SECOND MIDDLESEX SENATORIAL DISTRICT

DEMOCRATIC

Wards	Total Vote	Cavanagh	Cronin	De Luca	Gadsby	McMasters	Blanks
Ward 4.....	297	169	27	7	73	16	5
Ward 5.....	397	202	53	10	114	6	12
Ward 6.....	484	279	98	14	72	11	10
Ward 7.....	582	375	103	7	84	4	9
Ward 8.....	195	125	30	5	25	7	3
Ward 9.....	1,351	684	373	18	259	4	13
Ward 10.....	1,142	527	424	6	161	8	16
Ward 11.....	2,001	1,426	410	23	113	7	22
Totals.....	6,449	3,787	1,518	90	901	63	90

REPUBLICAN

Wards	Total Vote	Blanchard	Brodrick	Hillis	Cavanagh	Blanks
Ward 4.....	212	32	50	123		7
Ward 5.....	412	29	24	352		7
Ward 6.....	159	18	8	127		6
Ward 7.....	168	45	34	85		4
Ward 8.....	160	20	54	84		2
Ward 9.....	200	35	41	118		6
Ward 10.....	249	56	56	132		5
Ward 11.....	54	20	11	10	2	11
Totals.....	1,614	255	278	1,031	2	48

SPECIAL ELECTION, JUNE 13, 1933

REPEAL — 11TH DISTRICT			REPEAL — 8TH DISTRICT							REPEAL — 9TH DISTRICT												
Names of Candidates	Whole Number of Ballots Cast	Bartlett	Hayes	Paine	Bacigalupo	Brennan	Mellen	Blanks	Allen	Bliss	Root	Leahy	Newman	Norton	Blanks	Morton	Porter	Tilton	Coakley	Roosevelt	Young	Blanks
		34	32	29	864	866	855	236	79 93	74 90	74 88	664 885	657 870	663 880	138 202	311 245 62 295 219 172 235	308 239 60 266 216 148 232	320 250 70 270 222 183 249	872 883 802 1,054 770 1,888 1,301	912 952 868 1,100 795 1,936 1,398	874 874 782 1,058 774 1,883 1,306	348 415 524 376 193 711 625
Totals.....	15,707	34	32	29	864	866	855	236	172	164	162	1,549	1,527	1,543	340	1,539	1,469	1,564	7,570	7,961	7,551	3,192

SPECIAL ELECTION, JUNE 13, 1933 — Continued

VOTES CAST IN SPECIAL ELECTION

Names of Candidates	REPEAL — 5TH DISTRICT							SENATOR			LICENSE		
	Burnes	Sanderson	Tuck	Facey	Hannigan	Phaneuf	Blank	Brodrick	Cavanagh	Blank	Yes	No	Blank
Ward 1.....	97	93	91	2,203	2,007	1,999	1,412	246	1,683 1,171 2,338	49 34 33 24 58 93 58 50	891	48	33
Ward 2.....											678	85	20
Ward 3.....											917	95	24
Ward 4.....											906	359	50
Ward 5.....											930	293	63
Ward 6.....											926	92	38
Ward 7.....											1,063	345	65
Ward 8.....											790	241	32
Ward 9.....											1,951	256	100
Ward 10.....											1,370	334	78
Ward 11.....											2,212	244	178
Totals.....	97	93	91	2,203	2,007	1,999	1,412	3,593	8,924	399	12,634	2,392	681

CITY PRIMARY, OCTOBER 17, 1933

Candidates for	Mayor					School Committee												
	Whole Number of Ballots Cast	Lynch	Russell	Hamilton	O'Brien	Blanks	Haley	Brooks	Fitzgerald	McAuliffe	O'Hara	Heaton	Grenier	Callahan	McGlinchey	Barry	Wood	Blanks
Ward 1																		
Prec. 1.....	673	217	191	16	236	13	201	224	533	34	35	51	41	121	18	42	77	642
Prec. 2.....	685	277	232	9	160	7	239	241	481	73	46	52	35	191	19	63	61	554
Prec. 3.....	659	208	225	10	214	2	183	197	512	41	31	45	15	162	21	46	46	678
Prec. 4.....	621	217	174	7	211	12	192	259	311	110	46	82	46	176	19	69	94	459
Prec. 5.....	590	176	155	21	233	5	206	278	279	54	46	112	38	201	21	63	91	381
Totals.....	3,228	1,095	977	63	1,054	39	1,021	1,199	2,116	312	204	342	175	851	98	283	369	2,714
Ward 2																		
Prec. 1.....	208	74	50	7	74	3	56	79	108	13	29	65	5	63	2	24	30	150
Prec. 2.....	772	166	217	56	324	9	205	359	273	94	95	357	53	167	25	106	177	405
Prec. 3.....	508	107	132	71	187	11	117	250	172	64	49	239	32	94	30	36	155	286
Prec. 4.....	645	134	241	60	195	15	149	292	216	93	97	282	41	108	28	57	176	396
Prec. 5.....	350	52	174	85	33	6	72	193	81	59	57	87	39	44	18	54	129	217
Totals.....	2,483	533	814	279	813	44	599	1,173	850	323	327	1,030	170	476	103	277	667	1,454
Ward 3																		
Prec. 1.....	524	110	115	16	277	6	194	216	238	75	36	140	30	206	12	51	92	282
Prec. 2.....	504	140	146	3	212	3	163	206	168	73	36	99	23	274	23	47	76	324
Prec. 3.....	472	123	184	27	136	2	158	241	101	58	21	279	28	97	21	34	131	247
Prec. 4.....	579	207	208	29	133	2	200	339	159	58	32	226	27	168	26	50	208	244
Prec. 5.....	516	196	162	30	127	1	178	267	138	54	18	135	27	93	38	46	206	348
Totals.....	2,595	776	815	105	885	14	893	1,269	804	318	143	879	135	838	120	228	713	1,445
Ward 4																		
Prec. 1.....	254	73	108	28	41	4	57	122	61	27	23	131	19	40	24	31	109	118
Prec. 2.....	451	113	238	42	54	4	93	248	80	68	21	209	26	78	47	46	227	210
Prec. 3.....	468	66	273	86	40	3	72	281	79	72	41	181	53	40	44	48	237	256
Prec. 4.....	549	71	298	62	116	2	89	350	79	86	67	191	62	47	72	58	278	268
Prec. 5.....	520	123	305	45	45	2	96	346	101	90	60	152	60	39	95	42	267	212
Totals.....	2,242	446	1,222	263	296	15	407	1,347	400	343	212	864	220	244	282	225	1,118	1,064
Ward 5																		
Prec. 1.....	540	92	192	140	108	8	203	334	122	74	100	152	40	74	30	45	181	265
Prec. 2.....	659	75	317	198	62	7	157	436	133	92	59	216	57	57	36	50	340	344
Prec. 3.....	736	114	286	224	86	26	88	475	147	171	128	202	55	71	34	87	249	501
Prec. 4.....	702	151	253	201	91	6	264	453	136	135	113	169	54	100	26	68	251	337
Totals.....	2,637	432	1,048	763	347	47	712	1,698	538	472	400	739	206	302	126	250	1,021	1,447

Ward 6	Prec. 1.....	473	103	165	98	99	8	135	240	123	15	54	113	43	172	40	48	176	270
	Prec. 2.....	403	53	107	133	105	5	105	222	102	89	65	133	36	47	34	47	136	193
	Prec. 3.....	542	193	201	59	84	5	136	285	110	177	87	95	25	42	192	53	143	281
	Prec. 4.....	506	193	194	29	85	5	118	249	83	76	139	52	28	33	258	43	114	325
	Totals.....	1,924	542	667	319	373	23	494	996	418	447	345	393	132	194	524	191	569	1,069
Ward 7	Prec. 1.....	407	121	233	25	24	4	89	273	63	59	53	105	51	41	62	52	199	174
	Prec. 2.....	474	124	191	32	123	4	128	328	78	62	58	136	54	67	46	59	203	203
	Prec. 3.....	358	95	225	12	21	5	52	212	52	64	52	120	14	37	90	29	170	182
	Prec. 4.....	702	252	254	143	48	5	204	379	186	145	88	162	47	227	61	69	181	357
	Prec. 5.....	177	35	120	13	9	0	27	89	25	28	44	31	24	22	38	25	95	74
Ward 8	Totals.....	2,118	627	1,023	225	225	18	500	1,290	404	358	295	554	190	394	297	234	848	990
	Prec. 1.....	480	70	381	17	11	1	54	304	58	58	39	133	64	23	130	43	293	241
	Prec. 2.....	335	20	292	9	12	2	32	209	30	53	37	91	25	12	63	40	212	201
	Prec. 3.....	497	67	387	19	20	4	93	255	69	65	82	91	38	27	145	52	233	341
	Prec. 4.....	399	88	258	10	43	0	95	227	58	69	95	64	28	38	87	38	168	230
Ward 9	Totals.....	1,711	245	1,318	55	86	7	274	995	215	245	253	379	155	100	425	173	906	1,013
	Prec. 1.....	785	303	325	40	106	11	281	506	186	81	96	84	70	188	84	131	244	404
	Prec. 2.....	670	282	256	28	100	4	221	432	152	72	143	84	73	108	72	83	205	365
	Prec. 3.....	458	50	359	27	21	1	68	241	55	50	104	100	60	26	144	41	202	283
	Prec. 4.....	527	222	243	25	34	3	158	337	114	43	96	83	47	79	79	72	213	260
Ward 10	Prec. 5.....	632	279	243	24	78	8	208	431	142	71	162	61	39	70	57	119	160	376
	Prec. 6.....	530	189	256	26	58	1	154	371	100	60	97	82	45	53	74	79	226	249
	Totals.....	3,602	1,325	1,682	170	397	28	1,090	2,318	749	377	698	494	334	524	510	525	1,250	1,937
	Prec. 1.....	582	194	258	23	103	4	238	369	98	44	30	105	98	61	25	149	243	286
	Prec. 2.....	391	65	280	33	11	2	55	266	50	51	26	92	55	16	49	47	221	245
Ward 11	Prec. 3.....	570	183	277	48	60	2	180	348	119	67	55	72	72	64	42	120	236	335
	Prec. 4.....	648	224	254	31	134	5	223	373	130	72	76	71	126	122	41	149	162	399
	Prec. 5.....	740	238	269	48	177	8	237	431	177	102	113	95	81	162	56	112	225	429
	Totals.....	2,931	904	1,338	183	485	21	933	1,787	574	336	300	435	432	425	213	577	1,087	1,694
	Prec. 1.....	623	362	186	18	55	2	368	305	111	30	30	49	161	28	32	218	198	339
Grand Totals	Prec. 2.....	595	333	191	5	61	5	298	285	112	26	33	53	162	66	11	281	146	312
	Prec. 3.....	821	547	193	14	61	6	359	292	113	52	38	35	295	71	20	420	311	457
	Prec. 4.....	759	529	185	10	29	6	300	312	112	34	44	42	365	71	16	321	200	460
	Prec. 5.....	888	537	207	22	117	5	388	401	229	61	61	75	277	153	29	302	238	450
	Totals.....	3,686	2,308	962	69	323	24	1,713	1,595	677	203	206	254	1,260	389	108	1,542	1,093	2,018
Grand Totals.....		29,157	9,233	11,866	2,494	5,284	280	8,636	15,667	7,745	3,734	3,383	6,363	3,409	4,737	2,806	4,505	9,641	16,845

REPORT OF ELECTION COMMISSIONERS

COUNCILLOR AT LARGE																										
Candi- dates for	Names of Candidates	Whole Number of Ballots Cast	Owens	McKeever	Blanchard	Campbell	Harrington	Murphy	Shea	Mahoney	Mooney	Guild	Casey	Reardon	Pill	Gibson	Hughes	Roche	Sennott	Foley	Serino	McHugh	Giganti	Ward	Christensen	Blanks
Ward 1																										
Prec. 1..		673	32	54	32	234	77	100	101	134	16	6	40	107	62	60	6	232	171	30	118	7	241	16	18	798
Prec. 2..		685	37	52	20	124	106	134	99	181	19	6	37	156	74	77	13	248	164	41	145	10	168	4	12	813
Prec. 3..		659	23	37	57	174	95	123	103	122	17	9	41	134	62	96	13	220	171	44	85	8	124	1	14	863
Prec. 4..		621	19	43	18	51	106	132	149	183	24	6	50	105	144	50	7	216	254	34	121	10	68	4	9	681
Prec. 5..		590	31	34	24	43	155	148	85	203	31	10	43	86	170	47	8	269	263	43	33	12	44	22	13	543
Totals ..		3,228	142	220	151	626	539	637	537	823	107	37	211	588	512	330	47	1,185	1,023	192	502	47	645	47	66	3,698
Ward 2																										
Prec. 1..		208	13	10	15	22	38	70	30	49	8	4	17	13	26	27	11	99	84	13	17	4	21	7	7	227
Prec. 2..		772	50	54	63	24	185	175	118	373	23	23	90	72	226	69	31	376	339	35	51	8	16	29	25	633
Prec. 3..		508	66	41	43	31	139	130	76	146	21	29	57	29	132	48	34	224	205	25	36	10	17	25	31	437
Prec. 4..		645	74	64	67	36	123	157	104	156	24	65	125	51	125	42	74	264	196	48	94	11	31	27	37	585
Prec. 5..		350	37	57	73	24	84	75	75	57	8	39	33	31	83	29	40	103	121	28	37	4	9	55	41	257
Totals		2,483	240	226	261	137	569	607	403	781	84	160	322	196	592	215	190	1,066	945	149	235	37	94	143	141	2,139
Ward 3																										
Prec. 1..		524	24	27	20	38	202	113	95	236	17	11	39	49	169	44	15	288	242	30	27	8	23	7	13	359
Prec. 2..		504	21	28	20	22	232	89	97	183	14	14	30	141	93	46	15	228	231	39	25	13	8	11	3	413
Prec. 3..		472	29	36	36	19	187	92	78	159	21	16	46	64	137	59	18	228	243	21	27	8	4	27	18	315
Prec. 4..		579	38	36	57	18	316	92	108	156	28	15	35	110	148	55	13	286	248	22	26	9	10	36	15	435
Prec. 5..		516	19	18	44	12	212	48	125	141	24	10	34	91	111	89	21	274	218	17	20	7	5	38	24	462
Totals ..		2,595	131	145	177	109	1,149	434	503	875	104	70	184	455	658	293	82	1,304	1,182	129	125	45	50	119	73	1,984
Ward 4																										
Prec. 1..		254	21	22	38	13	64	51	47	79	10	29	21	18	67	25	7	131	112	19	13	11	1	15	25	177
Prec. 2..		451	45	41	105	18	96	69	76	88	16	34	35	29	132	40	20	188	174	16	39	9	4	78	37	415
Prec. 3..		468	56	49	128	41	96	85	54	63	13	39	39	18	176	34	40	146	162	22	57	13	5	92	57	387
Prec. 4..		549	73	50	159	19	93	139	99	78	15	52	56	24	170	55	35	182	136	28	70	23	6	111	73	450
Prec. 5..		520	67	73	138	23	93	132	115	55	24	53	47	18	137	58	19	178	137	26	81	19	8	140	58	381
Totals ..		2,242	262	235	568	114	442	476	391	363	78	207	198	107	682	212	121	825	721	111	260	75	24	436	250	1,810
Ward 5																										
Prec. 1..		540	49	47	94	38	89	134	76	88	19	54	87	55	115	40	174	190	192	35	75	17	16	48	28	400
Prec. 2..		659	90	88	177	53	82	154	121	66	17	110	55	33	198	75	101	190	198	34	114	13	10	108	65	484
Prec. 3..		736	69	56	138	48	100	162	117	85	24	52	136	68	159	74	169	250	203	35	218	27	20	80	48	606
Prec. 4..		702	52	87	113	49	128	142	128	87	36	50	144	73	130	60	213	293	215	40	142	23	10	68	49	477
																										1,967
																										1,967

Prec. 1..	473	64	62	56	26	81	155	116	72	12	82	34	53	160	19	32	170	160	30	92	9	8	35	18	346
Prec. 2..	403	36	50	56	18	58	146	113	58	11	37	29	108	101	21	47	151	108	24	123	9	13	26	12	257
Prec. 3..	542	60	63	46	18	67	254	244	74	13	47	53	47	117	53	25	267	136	31	72	14	12	31	10	414
Prec. 4..	506	16	72	35	10	62	208	333	44	8	5	45	21	96	68	19	213	114	22	32	16	1	36	18	530
Totals ..	1,924	176	247	193	72	268	763	806	248	44	171	161	229	474	161	123	801	518	107	319	48	34	128	58	1,547
Ward 7																									
Prec. 1..	407	40	65	127	14	57	92	78	41	25	35	48	22	96	70	16	132	111	23	33	40	3	106	43	311
Prec. 2..	474	42	66	102	17	111	84	104	61	16	35	40	27	111	86	21	183	156	22	20	86	3	78	49	376
Prec. 3..	358	37	55	108	8	49	106	48	37	11	20	38	14	85	46	7	118	64	9	84	27	4	169	28	260
Prec. 4..	702	44	71	67	29	207	126	269	125	25	22	60	178	148	119	23	328	237	40	40	27	8	38	24	553
Prec. 5..	177	23	32	43	8	28	38	38	14	6	19	20	9	28	16	9	53	20	13	41	11	2	83	25	129
Totals ..	2,118	186	289	447	76	452	446	537	278	83	131	206	250	468	337	76	814	588	107	218	191	20	474	169	1,629
Ward 8																									
Prec. 1..	480	49	121	186	18	48	147	46	22	23	40	50	12	62	55	19	103	65	19	108	34	13	281	46	353
Prec. 2..	335	67	90	151	21	30	75	27	8	14	50	25	7	39	34	22	42	31	11	73	12	3	218	33	257
Prec. 3..	497	61	121	103	14	30	154	93	34	18	30	37	26	42	46	13	90	62	21	131	19	8	293	44	498
Prec. 4..	399	40	119	87	17	41	94	115	43	16	27	40	11	60	43	11	114	86	28	53	20	4	127	31	369
Totals ..	1,711	217	451	527	70	149	470	281	107	71	147	152	56	203	178	65	349	244	79	365	85	28	919	154	1,477
Ward 9																									
Prec. 1..	785	74	120	99	24	144	244	197	165	88	45	72	37	83	218	23	328	224	32	68	33	9	157	28	628
Prec. 2..	670	30	85	86	21	126	216	192	152	113	20	61	57	74	144	25	296	222	29	59	19	12	122	24	495
Prec. 3..	458	34	116	119	11	42	152	72	23	18	21	48	18	27	47	15	85	58	12	115	14	8	324	23	430
Prec. 4..	527	30	50	86	14	100	168	159	94	107	10	49	25	71	132	19	233	169	23	45	17	7	111	29	360
Prec. 5..	632	26	71	58	11	91	177	140	156	72	15	53	141	67	100	37	233	158	38	137	55	25	84	29	554
Prec. 6..	530	29	44	91	22	96	194	140	106	75	16	41	47	69	113	12	215	142	17	74	11	10	142	48	366
Totals ..	3,602	223	486	539	103	599	1,151	900	686	473	127	324	325	391	754	131	1,390	973	151	498	149	71	940	181	2,833
Ward 10																									
Prec. 1..	582	67	38	139	33	109	79	133	78	23	37	49	23	85	312	12	175	162	74	26	13	13	74	43	531
Prec. 2..	391	67	61	182	23	37	47	52	11	14	43	21	11	52	103	24	71	69	18	52	23	4	161	56	362
Prec. 3..	570	106	44	156	13	75	128	131	60	34	48	43	23	77	259	18	163	133	40	73	11	13	108	36	488
Prec. 4..	648	128	63	108	17	78	136	230	72	44	20	60	43	74	245	8	231	156	61	102	23	15	86	25	567
Prec. 5..	740	108	94	100	25	111	212	247	122	56	60	78	52	99	266	32	272	186	56	87	21	15	80	23	558
Totals ..	2,931	476	300	685	111	410	602	793	343	171	208	251	152	387	1,185	94	912	706	249	340	91	60	509	183	2,506
Ward 11																									
Prec. 1..	623	71	27	69	14	104	85	194	58	24	24	59	45	92	337	21	266	145	152	29	11	11	35	91	528
Prec. 2..	595	55	26	51	21	117	123	205	78	21	10	81	34	73	221	11	240	173	157	47	6	4	27	82	517
Prec. 3..	821	171	38	101	16	94	125	189	74	30	15	101	54	87	326	16	366	139	271	160	20	26	13	151	701
Prec. 4..	759	92	27	94	10	87	86	221	66	19	12	98	39	70	308	12	308	130	231	198	9	28	21	193	677
Prec. 5..	888	88	35	77	33	129	141	255	108	27	17	274	50	106	304	37	378	198	268	77	18	32	19	149	732
Totals ..	3,686	477	153	392	94	531	560	1,064	384	121	78	613	222	428	1,496	97	1,558	785	1,079	511	64	101	115	666	3,155
Grand Totals	29,157	2,790	3,030	4,462	1,700	5,507	6,738	6,656	5,224	1,432	1,602	3,044	2,809	5,397	5,410	1,683	11,127	8,493	2,497	3,922	912	1,183	4,134	2,131	24,745

REPORT OF ELECTION COMMISSIONERS

CITY PRIMARY, OCTOBER 17, 1933

[illegible]

SPECIAL ELECTION, DECEMBER 19, 1933

Total Vote	Ward	QUESTION NO. 1			QUESTION NO. 2			TAVERNS		
		Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks
971	1	882	62	27	875	68	28	852	94	25
958	2	818	124	16	809	116	33	777	147	34
946	3	780	151	15	786	129	31	722	210	14
972	4	616	337	19	624	297	51	556	393	23
1,038	5	658	353	27	659	338	41	590	426	22
728	6	628	89	11	622	82	24	597	117	14
626	7	384	235	7	410	197	19	331	279	16
563	8	278	277	8	320	217	26	248	305	10
1,000	9	732	257	11	782	189	29	655	323	22
899	10	665	217	17	679	196	24	619	263	17
1,202	11	1,023	142	37	1,000	140	62	945	223	34
9,903		7,464	2,244	195	7,566	1,969	368	6,892	2,780	231

CITY ELECTION, NOVEMBER 7, 1933

CANDIDATES FOR		MAYOR (As Corrected by Recount)			ASSESSOR		SCHOOL COMMITTEE							
Names of Candidates	Whole Number of Ballots Cast	Lynch	Russell	Blanks	Casey	O'Connor	Blanks	Brooks	Callahan	Fitzgerald	Haley	Heaton	Wood	Blanks
Ward 1	Precinct 1.....	716	358	8	142	519	55	275	170	592	197	81	145	688
	Precinct 2.....	742	395	3	148	527	65	284	237	571	254	106	127	641
	Precinct 3.....	716	355	3	138	530	48	247	175	610	201	60	125	730
	Precinct 4.....	669	307	6	219	366	84	326	293	413	221	139	174	441
	Precinct 5.....	649	287	3	261	323	65	368	300	332	256	157	174	360
Totals.....		3,492	1,702	23	908	2,265	317	1,500	1,175	2,518	1,129	543	745	2,860
Ward 2	Precinct 1.....	233	83	2	88	104	41	122	77	139	55	81	54	171
	Precinct 2.....	870	403	4	424	353	93	430	300	354	282	492	310	442
	Precinct 3.....	619	273	9	281	263	75	372	218	250	184	311	226	296
	Precinct 4.....	782	439	4	360	295	127	478	202	316	238	395	294	423
	Precinct 5.....	503	341	5	256	164	83	346	107	143	155	218	267	273
Totals.....		3,007	1,539	24	1,409	1,179	419	1,748	904	1,202	914	1,497	1,151	1,605
Ward 3	Precinct 1.....	646	251	2	232	337	77	334	316	344	210	206	177	351
	Precinct 2.....	602	271	1	244	308	50	278	366	277	202	144	146	393
	Precinct 3.....	600	321	1	323	228	49	336	175	205	207	349	241	287
	Precinct 4.....	716	343	1	392	252	72	430	257	238	285	299	294	345
	Precinct 5.....	649	280	4	405	168	76	406	174	268	241	193	325	340
Totals.....		3,213	1,466	9	1,596	1,293	324	1,784	1,288	1,332	1,145	1,191	1,183	1,716
Ward 4	Precinct 1.....	330	176	2	203	84	43	210	90	109	85	188	178	130
	Precinct 2.....	574	374	2	371	132	71	369	121	147	144	307	331	303
	Precinct 3.....	653	452	1	430	126	97	468	115	191	173	332	425	255
	Precinct 4.....	705	497	5	462	160	83	500	151	214	175	327	428	320
	Precinct 5.....	700	502	0	502	114	84	523	124	201	205	292	450	305
Totals.....		2,962	2,001	10	1,968	616	378	2,070	601	862	782	1,446	1,812	1,313

Ward 5	Precinct 1.....	639	309	325	5	397	154	88	479	133	236	265	251	287	266
	Precinct 2.....	776	230	540	6	511	177	88	595	134	238	327	341	490	297
	Precinct 3.....	884	362	521	1	539	229	116	662	252	305	326	316	406	385
	Precinct 4.....	832	384	440	8	510	236	86	606	235	289	346	288	387	345
	Totals.....	3,131	1,285	1,826	20	1,957	796	378	2,342	754	1,058	1,174	1,202	1,570	1,293
Ward 6	Precinct 1.....	610	251	357	2	284	245	81	405	153	247	225	231	295	274
	Precinct 2.....	483	229	249	5	247	187	48	338	127	179	187	194	224	197
	Precinct 3.....	668	300	365	3	346	237	85	448	185	285	264	203	308	311
	Precinct 4.....	613	333	278	2	364	177	72	357	217	231	242	135	286	371
	Totals.....	2,374	1,113	1,249	12	1,241	846	286	1,548	682	942	918	763	1,113	1,153
Ward 7	Precinct 1.....	646	185	457	4	447	114	85	495	105	225	180	246	386	301
	Precinct 2.....	610	263	346	1	374	167	69	436	161	213	194	234	352	240
	Precinct 3.....	528	123	404	1	363	105	60	350	96	152	94	242	342	308
	Precinct 4.....	847	444	399	4	492	271	84	531	363	343	298	253	327	426
	Precinct 5.....	295	68	225	2	209	47	39	223	54	83	77	109	199	140
Ward 8	Precinct 1.....	2,926	1,083	1,831	12	1,885	704	337	2,035	779	1,016	843	1,084	1,606	1,415
	Precinct 2.....	701	126	573	2	465	153	83	517	89	173	171	272	476	405
	Precinct 3.....	591	51	536	4	390	101	100	439	53	127	126	220	442	366
	Precinct 4.....	626	111	511	4	419	114	93	390	88	171	195	211	384	439
	Precinct 5.....	554	163	389	2	361	99	94	372	124	166	175	164	311	350
Ward 9	Precinct 1.....	2,472	451	2,009	12	1,635	467	370	1,718	354	637	667	867	1,613	1,560
	Precinct 2.....	960	455	503	2	657	218	85	662	316	389	407	178	451	477
	Precinct 3.....	851	459	389	3	596	184	71	602	285	361	346	170	369	420
	Precinct 4.....	601	94	504	3	433	104	64	360	93	151	175	236	364	424
	Precinct 5.....	663	330	331	2	482	132	49	468	188	257	240	164	345	327
Ward 10	Precinct 1.....	796	475	317	4	566	130	100	623	237	331	355	119	307	416
	Precinct 2.....	658	297	358	3	445	156	57	465	158	250	229	167	368	337
	Precinct 3.....	4,529	2,110	2,402	17	3,179	924	426	3,180	1,277	1,739	1,752	1,034	2,204	2,401
	Precinct 4.....	741	332	405	4	428	230	83	533	153	252	329	192	428	336
	Precinct 5.....	672	130	540	2	446	124	102	525	87	165	176	243	443	377
Ward 11	Precinct 1.....	721	280	438	3	465	183	73	528	153	233	275	168	428	378
	Precinct 2.....	741	397	341	3	471	200	69	510	265	281	302	142	340	380
	Precinct 3.....	884	445	436	3	564	254	66	622	329	354	332	227	393	395
	Precinct 4.....	3,759	1,584	2,160	15	2,374	991	393	2,718	987	1,285	1,414	972	2,032	1,866
	Precinct 5.....	712	449	256	7	458	191	63	411	137	256	435	78	335	484
Grand Totals	Precinct 1.....	708	447	257	4	463	179	66	428	183	287	402	110	341	373
	Precinct 2.....	946	672	270	4	547	307	92	501	273	288	516	100	622	588
	Precinct 3.....	831	610	216	5	456	280	95	470	237	273	407	95	494	517
	Precinct 4.....	1047	774	273	0	541	413	93	594	307	418	586	139	526	571
	Precinct 5.....	4,244	2,952	1,272	20	2,465	1,376	409	2,404	1,137	1,522	2,346	522	2,318	2,483
Grand Totals.....		36,109	16,478	19,457	174	20,617	11,451	4,037	23,047	9,938	14,113	13,084	11,121	17,347	19,665

CITY ELECTION, NOVEMBER 7, 1933

CANDIDATES FOR		COUNCILLORS AT LARGE (As Corrected by Recount)									
Names of Candidates		Whole Number of Ballots Cast	Gibson	Harrington	Mahoney	Murphy	Pill	Roche	Sennott	Shea	Blanks
Ward 1	Precinct 1.....	716	310	269	303	183	189	386	163	279	782
	Precinct 2.....	742	334	239	314	230	208	400	144	280	819
	Precinct 3.....	716	327	216	262	233	164	356	121	257	928
	Precinct 4.....	669	227	251	332	214	266	332	154	279	621
	Precinct 5.....	649	246	256	345	180	309	345	118	238	559
Totals.....		3,492	1,444	1,231	1,556	1,040	1,136	1,819	700	1,333	3,709
Ward 2	Precinct 1.....	233	111	80	80	98	70	130	45	68	250
	Precinct 2.....	870	223	318	519	260	426	496	199	248	795
	Precinct 3.....	619	197	304	281	199	264	334	148	215	530
	Precinct 4.....	782	245	342	310	271	329	436	196	291	708
	Precinct 5.....	503	204	222	153	172	237	240	144	193	447
Totals.....		3,007	980	1,266	1,343	1,000	1,326	1,636	732	1,015	2,730
Ward 3	Precinct 1.....	646	193	327	359	157	328	380	138	240	462
	Precinct 2.....	602	179	379	299	156	236	308	139	206	506
	Precinct 3.....	600	200	321	268	155	279	352	131	206	488
	Precinct 4.....	716	238	489	284	165	298	391	127	212	660
	Precinct 5.....	649	271	357	227	144	275	376	140	221	585
Totals.....		3,213	1,081	1,873	1,437	777	1,416	1,807	675	1,085	2,701
Ward 4	Precinct 1.....	330	111	167	145	102	149	196	73	99	278
	Precinct 2.....	574	206	275	163	173	276	287	160	163	593
	Precinct 3.....	653	310	299	166	204	375	307	184	202	565
	Precinct 4.....	705	283	316	201	309	378	310	189	240	594
	Precinct 5.....	700	318	297	155	278	337	310	188	243	674
Totals.....		2,962	1,228	1,354	830	1,066	1,515	1,410	794	947	2,704

Ward 5	Precinct 1.....	639	280	259	215	274	286	361	162	235	484
	Precinct 2.....	776	354	307	194	261	443	369	232	282	662
	Precinct 3.....	884	416	356	240	326	415	489	231	318	745
	Precinct 4.....	832	375	344	275	282	393	490	217	362	590
Totals.....		3,131	1,425	1,266	924	1,143	1,537	1,709	842	1,197	2,481
Ward 6	Precinct 1.....	610	208	190	192	265	330	326	145	272	512
	Precinct 2.....	483	162	165	168	221	259	271	93	266	327
	Precinct 3.....	668	207	182	189	344	277	372	122	438	541
	Precinct 4.....	613	227	185	148	289	212	334	89	450	518
Totals.....		2,374	804	722	697	1,119	1,078	1,303	449	1,426	1,898
Ward 7	Precinct 1.....	646	325	276	134	250	278	300	158	225	638
	Precinct 2.....	610	294	304	185	204	271	300	165	252	465
	Precinct 3.....	528	211	200	82	270	245	194	119	150	641
	Precinct 4.....	847	350	396	295	227	367	492	168	439	654
	Precinct 5.....	295	142	138	47	134	118	134	73	103	291
Totals.....		2,926	1,322	1,314	743	1,085	1,279	1,420	683	1,169	2,689
Ward 8	Precinct 1.....	701	317	267	105	363	271	245	147	157	932
	Precinct 2.....	591	267	243	58	288	243	186	149	133	797
	Precinct 3.....	626	267	194	105	353	246	202	106	199	832
	Precinct 4.....	554	241	190	121	264	192	221	135	219	633
Totals.....		2,472	1,092	894	389	1,268	952	854	537	708	3,194
Ward 9	Precinct 1.....	960	548	320	358	391	329	502	196	442	754
	Precinct 2.....	851	446	304	302	353	250	472	186	392	699
	Precinct 3.....	601	219	175	107	394	209	176	102	155	867
	Precinct 4.....	663	298	243	227	309	221	333	126	287	608
	Precinct 5.....	796	350	279	330	307	242	454	153	358	711
	Precinct 6.....	658	320	273	238	334	252	328	120	265	502
Totals.....		4,529	2,181	1,594	1,562	2,088	1,503	2,265	883	1,899	4,141
Ward 10	Precinct 1.....	741	538	295	167	183	287	308	199	272	715
	Precinct 2.....	672	379	290	106	239	262	222	184	182	824
	Precinct 3.....	721	482	251	165	243	305	319	146	271	702
	Precinct 4.....	741	440	194	194	291	219	375	132	421	698
	Precinct 5.....	884	536	285	249	350	282	468	180	491	695
Totals.....		3,759	2,375	1,315	881	1,306	1,355	1,692	841	1,637	3,634
Ward 11	Precinct 1.....	712	490	227	200	172	198	381	123	330	727
	Precinct 2.....	708	464	197	218	232	196	380	133	410	602
	Precinct 3.....	946	642	284	287	260	225	600	132	525	829
	Precinct 4.....	831	570	263	217	208	206	500	143	447	770
	Precinct 5.....	1,047	658	345	320	272	295	612	189	594	903
Totals.....		4,244	2,824	1,316	1,242	1,144	1,120	2,473	720	2,306	3,831
Grand Totals.....		36,109	16,756	14,145	11,604	13,036	14,217	18,388	7,856	14,722	33,712

CITY ELECTION, NOVEMBER 7, 1933

CANDIDATES FOR	COUNCILLOR WARD 1 As Corrected by Recount	COUNCILLOR WARD 2 As Corrected by Recount	COUNCILLOR WARD 3 As corrected by Recount	COUNCILLOR WARD 4	COUNCILLOR WARD 5 As Corrected by Recount	COUNCILLOR WARD 6													
Names of Candidates	Duffy	Sullivan	Blanks	Anderson	Murphy	Blanks	Lyons	Scully	Blanks	Amee	Hamilton	Blanks	Gurvy	Hillis	Blanks	Murphy	O'Connor	Blanks	
	Whole Number of Ballots Cast As Corrected By Recount																		
	Ward 1	Precinct 1... Precinct 2... Precinct 3... Precinct 4... Precinct 5...	716 742 716 669 649	218 238 232 440 532	38 39 23 32 17														
	Totals.....	3,492	1,660	149															
	Ward 2	Precinct 1... Precinct 2... Precinct 3... Precinct 4... Precinct 5...	233 870 619 782 503			41 465 274 456 268	184 378 329 303 191	8 28 15 23 44											
Totals.....	3,007			1,504	1,385	118													
Ward 3	Precinct 1... Precinct 2... Precinct 3... Precinct 4... Precinct 5...	646 602 600 716 649						327 404 296 341 406	290 175 283 350 213	29 23 21 25 30									
Totals.....	3,213						1,774	1,311	128										
Ward 4	Precinct 1... Precinct 2... Precinct 3... Precinct 4... Precinct 5...	330 574 653 705 760									159 325 358 362 407	151 223 269 322 257							
Totals.....	2,962										1,610	1,222						130	

VOTES CAST IN CITY ELECTION

[illegible]

POLICE LISTING, APRIL 1, 1933

WARD	PRECINCT	MEN	WOMEN	TOTAL
1	1	913	825	1,738
	2	982	868	1,850
	3	810	771	1,581
	4	1,050	904	1,954
	5	740	719	1,459
Totals.....	.....	4,495	4,087	8,582
2	1	271	241	512
	2	810	776	1,586
	3	623	724	1,347
	4	1,106	1,001	2,107
	5	639	650	1,289
Totals.....	.....	3,449	3,392	6,841
3	1	703	736	1,439
	2	594	565	1,159
	3	494	569	1,063
	4	544	664	1,208
	5	391	515	906
Totals.....	.....	2,726	3,049	5,775
4	1	389	334	723
	2	422	638	1,060
	3	755	767	1,522
	4	643	869	1,512
	5	527	796	1,323
Totals.....	.....	2,736	3,404	6,140
5	1	768	824	1,592
	2	642	753	1,395
	3	766	781	1,547
	4	729	719	1,448
Totals.....	.....	2,905	3,077	5,982
6	1	746	802	1,548
	2	567	584	1,151
	3	749	809	1,558
	4	524	619	1,143
Totals.....	.....	2,586	2,814	5,400
7	1	502	794	1,296
	2	489	630	1,119
	3	385	695	1,080
	4	629	618	1,247
	5	261	358	619
Totals.....	.....	2,266	3,095	5,361

POLICE LISTING, APRIL 1, 1933

WARD	PRECINCT	MEN	WOMEN	TOTAL
8	1	462	898	1,360
	2	420	722	1,142
	3	431	690	1,121
	4	470	653	1,123
Totals . . . . .	.....	2,983	2,963	4,746
9	1	603	795	1,398
	2	579	725	1,304
	3	383	702	1,085
	4	400	553	953
	5	634	717	1,351
	6	384	520	904
Totals . . . . .	.....	2,983	4,012	6,995
10	1	581	665	1,246
	2	541	882	1,423
	3	574	655	1,229
	4	560	605	1,165
	5	764	801	1,565
Totals . . . . .	.....	3,020	3,608	6,628
11	1	449	572	1,021
	2	512	571	1,083
	3	708	785	1,493
	4	651	658	1,309
	5	817	865	1,682
Totals . . . . .	.....	3,137	3,451	6,588
Grand Totals . . . . .	.....	32,086	36,952	69,038

REGISTERED VOTERS, NOVEMBER 7, 1933

WARD	PRECINCT	MEN	WOMEN	TOTAL
1	1	503	314	817
	2	528	310	838
	3	464	310	774
	4	476	273	749
	5	427	307	734
Totals.....	.....	2,398	1,514	3,912
2	1	172	97	269
	2	561	434	995
	3	397	312	709
	4	590	338	928
	5	337	295	632
Totals.....	.....	2,057	1,476	3,533
3	1	424	302	726
	2	384	306	690
	3	343	347	690
	4	404	432	836
	5	338	399	737
Totals.....	.....	1,893	1,786	3,679
4	1	230	177	407
	2	289	408	697
	3	409	397	806
	4	422	493	915
	5	370	546	916
Totals.....	.....	1,720	2,021	3,741
5	1	413	380	793
	2	455	490	945
	3	552	476	1,028
	4	525	412	937
Totals.....	.....	1,945	1,758	3,703
6	1	432	338	770
	2	347	249	596
	3	455	354	809
	4	382	367	749
Totals.....	.....	1,616	1,308	2,924
7	1	354	503	857
	2	346	390	736
	3	268	400	668
	4	493	508	1,001
	5	173	244	417
Totals.....	.....	1,634	2,045	3,679

REGISTERED VOTERS, NOVEMBER 7, 1933

WARD	PRECINCT	MEN	WOMEN	TOTAL
8	1	336	620	956
	2	306	511	817
	3	327	454	781
	4	308	395	703
Totals.....	.....	1,277	1,980	3,257
9	1	515	596	1,111
	2	468	533	1,001
	3	310	427	737
	4	346	402	748
	5	467	436	903
	6	348	398	746
Totals.....	.....	2,454	2,792	5,246
10	1	407	441	848
	2	376	546	922
	3	432	427	859
	4	451	394	845
	5	565	496	1,061
Totals.....	.....	2,231	2,304	4,535
11	1	381	408	789
	2	406	412	818
	3	426	502	928
	4	499	404	903
	5	632	547	1,179
Totals.....	.....	2,344	2,273	4,617
Grand Totals....	.....	21,569	21,257	42,826

CITY OF CAMBRIDGE
MASSACHUSETTS

REPORT
OF THE
WATER BOARD

For the Year Ending December 31, 1933



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

CAMBRIDGE WATER BOARD

December 31, 1933

Members of the Board

HENRY L. SKELLEY.....	Term expired 1931
HOWARD M. TURNER.....	Term expired 1932
DR. GEORGE F. McINNES.....	Term expires 1934
JAMES J. SCULLY.....	Term expires 1935

General Superintendent of the Works and Clerk of Board
TIMOTHY W. GOOD

CAMBRIDGE WATER BOARD

Date of election and length of service of members, 1865-1933

CHESTER W. KINGSLEY.....	1865—1894	
JOHN SARGENT.....	1865—1871	
A. K. P. WELCH.....	1865—1871	
ROBERT DOUGLASS.....	1865—1871	
SAMUEL SLOCOMB.....	1865—1876	
Z. L. RAYMOND.....	1871	
HENRY L. EUSTIS.....	1871—1885	
J. WARREN MERRILL.....	1871—1881	
GEORGE P. CARTER.....	1871—1883	
JOHN H. LEIGHTON.....	1876—1879	
KNOWLTON S. CHAFFEE.....	1879—1889	
JAMES M. W. HALL.....	1881—1899	
LEANDER M. HANNUM.....	{ 1883—1884	
	{ 1885—1893	
JOHN F. O'BRIEN.....	1884—1895	
GEORGE F. HOWARD.....	1889—1910	
E. BURT PHILLIPS.....	1893—1896	
FRANK A. ALLEN.....	1895—1899	
STILLMAN F. KELLY.....	1894—1903	
WELLINGTON FILLMORE.....	1896—1903	
EDMUND H. STEVENS.....	1899—1907	
WILLIAM B. DURANT.....	1899—1907	
ANDREW J. RADY.....	1903—1914	
JOHN F. O'BRIEN.....	1903—1923	
ALVIN F. SORTWELL.....	1907—1910	
JAMES J. SCULLY.....	1910—1928	
AUGUSTUS W. DUDLEY.....	1907—1909	
JOSEPH E. DOHERTY.....	1909—1929	
BERNARD E. McDERMOTT.....	1910—1930	
JOHN P. CONROY.....	1914—1925	
MARTIN A. FEELEY.....	1925—1931	
THOMAS E. KENNEDY.....	1926—1930	
HENRY L. SKELLEY.....	1928	(Now in office)
DR. GEORGE F. McINNES.....	1929	(Now in office)
HOWARD M. TURNER.....	1930	(Now in office)
JAMES J. SCULLY.....	1930	(Now in office)

Presidents of the Board

J. WARREN MERRILL.....	1865—1867
EZRA PARMENTER.....	1867—1867
JOHN SARGENT.....	1867—1871
J. WARREN MERRILL.....	1871—1873
CHESTER W. KINGSLEY.....	1873—1876
GEORGE P. CARTER.....	1876—1883
CHESTER W. KINGSLEY.....	1883—1894
JAMES M. W. HALL.....	1894—1899
WILLIAM B. DURANT.....	1899—1907
ALVIN F. SORTWELL.....	1907—1910
ANDREW J. RADY.....	1910—1914
JAMES J. SCULLY.....	1914—1928
BERNARD E. McDERMOTT.....	1928—1930
MARTIN A. FEELEY.....	1930—1931

REPORT OF THE CAMBRIDGE WATER BOARD

December 31, 1933.

To the Honorable City Council:

The sixty-ninth report of the Cambridge Water Board, for the year ending December 31, 1933, is hereby submitted for your consideration. The report of the General Superintendent gives in detail the operation and expenditures of the department. Reference is also made to the report of the Commissioners of the Sinking Fund of the city.

FINANCIAL STATEMENT IN BRIEF

Total cost of Works to December 31, 1932.....	\$8,998,059 50
New 24-inch and 30-inch mains.....	1,940 71
New meters.....	1,580 44
New Stony Brook main (36-inch).....	34 54
New filter additions and equipment.....	1,956 55
New pumps.....	1,425 83
Extensions for the year ending December 31, 1933.....	10,760 00
Total cost of Works to December 31, 1933.....	<u>\$9,015,757 57</u>
Serial Water Debt.....	\$872,500 00
Value of Sinking Fund.....	\$467,028 05
Funded bonds.....	397,500 00
	<u>69,528 05</u>
Net Water Debt.....	<u>\$802,971 95</u>

No contribution has been made to the Sinking Fund since December 1, 1917.

All Water Debt since 1913 must be made in serial form.

Funded Water Debt

Date of Issue	Interest	From	Due	Amount
May 1, 1906	4	30	May 1, 1936	\$280,000 00
June 1, 1907	4	30	June 1, 1937	49,000 00
July 1, 1907	4	30	July 1, 1937	25,000 00
Aug. 1, 1908	4	30	Aug. 1, 1938	17,000 00
Mar. 1, 1911	3½	30	Mar. 1, 1941	16,500 00
Dec. 1, 1911	3½	30	Dec. 1, 1941	10,000 00
				<u>\$397,500 00</u>

Serial Loans of Water Department

Due year ending March 31, 1934.....	\$52,500 00
Due year ending March 31, 1935.....	52,500 00
Due year ending March 31, 1936.....	51,500 00
Due year ending March 31, 1937.....	51,500 00
Due year ending March 31, 1938.....	49,500 00
Due year ending March 31, 1939.....	49,500 00
Due year ending March 31, 1940.....	49,500 00
Due year ending March 31, 1941.....	49,500 00
Due year ending March 31, 1942.....	49,500 00
Due year ending March 31, 1943.....	36,500 00
Amount brought forward.....	<u>\$492,000 00</u>

Serial Loans of Water Department — *Continued*

<i>Amount carried forward</i>	\$492,000 00
Due year ending March 31, 1944.....	36,500 00
Due year ending March 31, 1945.....	35,000 00
Due year ending March 31, 1946.....	35,000 00
Due year ending March 31, 1947.....	34,000 00
Due year ending March 31, 1948.....	34,000 00
Due year ending March 31, 1949.....	34,000 00
Due year ending March 31, 1950.....	34,000 00
Due year ending March 31, 1951.....	23,000 00
Due year ending March 31, 1952.....	23,000 00
Due year ending March 31, 1953.....	23,000 00
Due year ending March 31, 1954.....	23,000 00
Due year ending March 31, 1955.....	23,000 00
Due year ending March 31, 1956.....	23,000 00
	<hr/>
	\$872,500 00
The interest to be paid on the above for 1934 is.....	\$48,862 50

Serial Loans due in 1934

<i>Issued</i>		
December, 1911.....	3½%	\$1,000 00
September, 1912.....	3½	1,000 00
July, 1914.....	4	1,500 00
October, 1921 (Filtration).....	4½	11,000 00
October, 1922 (Filtration).....	4	14,000 00
August, 1931 (Stony Brook conduit and 24- to 30-inch mains).....	3½	9,000 00
	3½	15,000 00
		<hr/>
		\$52,500 00

Statements of yearly revenue received from water rates since the purchase of the works by the City:

From April 28, 1865, to December 1, 1865.....	\$32,367 19
From December 1, 1865, to December 1, 1866.....	40,073 27
From December 1, 1866, to December 1, 1867.....	53,733 62
From December 1, 1867, to December 1, 1868.....	63,747 42
From December 1, 1868, to December 1, 1869.....	76,149 30
From December 1, 1869, to December 1, 1870.....	92,605 95
From December 1, 1870, to December 1, 1871.....	111,782 65
From December 1, 1871, to December 1, 1872.....	127,201 30
From December 1, 1872, to December 1, 1873.....	146,117 32
From December 1, 1873, to December 1, 1874.....	153,634 27
From December 1, 1874, to December 1, 1875.....	138,880 37
From December 1, 1875, to December 1, 1876.....	179,166 76
From December 1, 1876, to December 1, 1877.....	154,843 59
From December 1, 1877, to December 1, 1878.....	157,443 91
From December 1, 1878, to December 1, 1879.....	164,681 90
From December 1, 1879, to December 1, 1880.....	173,325 49
From December 1, 1880, to December 1, 1881.....	170,062 73
From December 1, 1881, to December 1, 1882.....	177,430 80
From December 1, 1882, to December 1, 1883.....	179,361 89
From December 1, 1883, to December 1, 1884.....	161,526 27
From December 1, 1884, to December 1, 1885.....	185,544 36
From December 1, 1885, to December 1, 1886.....	199,404 43
From December 1, 1886, to December 1, 1887.....	204,748 64
From December 1, 1887, to December 1, 1888.....	211,156 27
From December 1, 1888, to December 1, 1889.....	221,124 70
From December 1, 1889, to December 1, 1890.....	231,116 32
From December 1, 1890, to December 1, 1891.....	227,054 53

From December 1, 1891, to December 1, 1892.....	\$237,527	08
From December 1, 1892, to December 1, 1893.....	212,219	78
From December 1, 1893, to December 1, 1894.....	250,032	71
From December 1, 1894, to December 1, 1895.....	268,813	62
From December 1, 1895, to December 1, 1896.....	281,030	00
From December 1, 1896, to December 1, 1897.....	291,457	62
From December 1, 1897, to December 1, 1898.....	267,129	78
From December 1, 1898, to December 1, 1899.....	302,569	00
From December 1, 1899, to December 1, 1900.....	319,479	37
From December 1, 1900, to December 1, 1901.....	320,468	01
From December 1, 1901, to December 1, 1902.....	323,000	53
From December 1, 1902, to December 1, 1903.....	333,777	34
From December 1, 1903, to December 1, 1904.....	339,109	27
From December 1, 1904, to December 1, 1905.....	343,916	00
From December 1, 1905, to December 1, 1906.....	355,768	47
From December 1, 1906, to December 1, 1907.....	373,151	35
From December 1, 1907, to March 31, 1909 (16 months).....	410,533	41
From April 1, 1909, to March 31, 1910.....	351,264	86
From April 1, 1910, to March 31, 1911.....	375,722	42
*From April 1, 1911, to March 31, 1912.....	353,891	02
From April 1, 1912, to March 31, 1913.....	385,475	71
From April 1, 1913, to March 31, 1914.....	383,342	41
From April 1, 1914, to March 31, 1915.....	396,827	26
From April 1, 1915, to March 31, 1916.....	394,908	36
From April 1, 1916, to March 31, 1917.....	401,607	91
From April 1, 1917, to March 31, 1918.....	358,335	70
From April 1, 1918, to March 31, 1919.....	423,906	10
From April 1, 1919, to March 31, 1920.....	403,250	84
From April 1, 1920, to March 31, 1921.....	453,775	94
From April 1, 1921, to March 31, 1922.....	441,109	10
From April 1, 1922, to March 31, 1923.....	486,098	14
From April 1, 1923, to March 31, 1924.....	500,193	02
From April 1, 1924, to March 31, 1925.....	490,487	73
From April 1, 1925, to March 31, 1926.....	512,219	95
From April 1, 1926, to March 31, 1927.....	525,034	28
From April 1, 1927, to March 31, 1928.....	517,487	82
From April 1, 1928, to March 31, 1929.....	535,736	67
From April 1, 1929, to March 31, 1930.....	564,378	31
From April 1, 1930, to March 31, 1931.....	555,681	71
From April 1, 1931, to December 31, 1931 (9 months).....	391,537	21
From January 1, 1932 to December 31, 1932.....	473,507	56
From January 1, 1933 to December 31, 1933.....	479,078	66
The surplus receipts year ending March 31, 1918.....	33,543	71
The surplus receipts year ending March 31, 1919.....	105,994	89
The surplus receipts year ending March 31, 1920.....	71,060	28
The surplus receipts year ending March 31, 1921.....	80,242	80
The surplus receipts year ending March 31, 1922.....	25,182	90
The surplus receipts year ending March 31, 1923.....	113,295	39
The surplus receipts year ending March 31, 1924.....	12,528	94
The surplus receipts year ending March 31, 1925.....	27,414	64
The surplus receipts year ending March 31, 1926.....	50,465	05
The surplus receipts year ending March 31, 1927.....	59,115	08
The surplus receipts year ending March 31, 1928.....	39,606	50
The surplus receipts year ending March 31, 1929.....	62,673	42
The surplus receipts year ending March 31, 1930.....	96,501	04
The surplus receipts year ending March 31, 1931.....	104,998	36
The surplus receipts for nine months ending December 31, 1931.....	31,756	88
The total surplus receipts for the year 1932.....	39,561	27
The surplus receipts for year ending December 31, 1933.....	35,877	35

*Reduction in water rates.

	Commitment	Collections*	Expended
March 31, 1924.....	\$493,171 73	\$500,193 02	\$487,664 08
March 31, 1925.....	496,144 79	490,487 73	463,073 09
March 31, 1926.....	517,475 07	512,219 95	461,754 90
March 31, 1927.....	527,128 41	525,034 28	465,919 20
March 31, 1928.....	515,701 96	517,487 82	477,881 32
March 31, 1929.....	539,354 88	535,736 67	473,063 25
March 31, 1930.....	581,033 49	564,378 31	467,877 27
March 31, 1931.....	573,049 81	555,681 71	450,683 35
December 31, 1931.....	412,552 60	391,537 21	356,710 42
December 31, 1932.....	501,545 14	473,507 56	468,149 92
December 31, 1933.....	494,132 07	479,078 66	438,760 30

*Includes amounts past due.

CONSUMPTION OF WATER

	Gallons
The total pumpage of water for the year ending December 31, 1932	4,456,711,100
The total pumpage of water for the year ending December 31, 1933	4,215,192,200
Showing a decrease of.....	241,518,900
The daily average pumpage during 1932.....	12,176,806
The daily average pumpage during 1933.....	11,548,471
A decrease of.....	628,335
The average daily per capita is.....	92

METERS

Ninety-three per cent of our supplies are metered; they are set on

*Domestic and industrial services.....	14,024
Public buildings and City services.....	82
Fire supplies.....	66
Total meters.....	14,172

Since July 25, 1931, all new buildings have been metered.

RESERVOIRS

In Fresh Pond Reservoir the elevation of the water is 17.37. The lowest elevation noted in this basin during the year was 13.75 on September 24, 1933.

In Stony Brook Reservoir the elevation of the water is 76.70. The lowest elevation noted in this basin during the year was 75 on June 30, 1933.

In Hobbs Brook Reservoir the elevation of the water is 182.41. The lowest elevation noted in this basin during the year was 178.84 on September 1, 1933.

The overflow from Stony Brook into Charles River was 4,799,418,000 gallons.

* No charge is made to the city for water for any purpose.

COST OF SPECIAL CONSTRUCTION TO DECEMBER 31, 1933,
FOR WHICH THE CITY COUNCIL APPROPRIATED \$827,000

24-inch and 30-inch mains.	\$365,000 00	
Transferred to Stony Brook Main. \$30,000 00		
Transferred to Stony Brook Main. 7,000 00	37,000 00	
		\$328,000 00
Expended.		324,874 97
Balance unexpended (transferred to 16-inch mains)		\$3,125 03
Stony Brook Main (36-inch).	\$225,000 00	
Transferred from 30-inch main. . . \$37,000 00		
Transferred from surplus receipts. 20,000 00	57,000 00	
		\$282,000 00
Expended.		281,277 56
Balance unexpended (transferred to 16-inch mains)		722 44
12-inch mains.	\$30,000 00	
Expended.		30,000 00
Filters and addition to Filtration		
Plant.	\$100,000 00	
Transferred from surplus receipts. 7,000 00		
Transferred from Maintenance		
Filtration.	38 06	
		\$107,038 06
Expended.		107,038 06
Pumps.	\$50,000 00	
Expended.		50,000 00
Meters, appropriation 1931.	\$30,000 00	
Meters, appropriation 1932.	30,000 00	
	\$60,000 00	
Transferred from F 12 Maintenance.	209 39	
		\$60,209 39
Expended in 1931.	\$29,996 06	
Expended in 1932/33.	30,213 33	
		60,209 39

The National Board of Fire Underwriters advised that our system be reinforced, and the suggestions for strengthening our distribution, as advised by Messrs. Fuller and Everett, our consulting engineers, have been adopted and augmented.

Estimates for laying these large mains were prepared by our City Engineer, Mr. Hooker, and approved by the General Superintendent. The following named streets have been selected for the locations:

In Walden Street from Sherman Street to Raymond Street. . . . 1,050 feet of 16-inch
 In Raymond Street and Yerxa Road, from Walden Street to
 Rindge Avenue. 2,100 feet of 16-inch
 In Raymond Street from Walden Street to Linnaean Street . . . 2,150 feet of 12-inch
 In Montgomery Street from Rindge Avenue to Harvey Street . . 1,400 feet of 12-inch
 In Harvey Street from Clifton Street to Cedar Street. 1,500 feet of 12-inch
 In Mt. Auburn Street from Lowell Street to Eliot Street. 2,000 feet of 12-inch

The 16-inch advised for Prospect Street has been replanned and will be laid in Essex Street across Harvard Street and through the Broadway Common connecting the Broadway 30-inch main.

The Water Department has had in storage a quantity of 24-inch pipe. In planning for the extension of these new mains the General Superintendent has entered into an agreement with the Warren Foundry Company of Massachusetts, with whom our contract exists, whereby the 16-inch and 12-inch pipe needed for this work will be furnished by that Company in exchange for the 24-inch now on hand.

The total cost of these extensions will be proportionally met by the Water Department as a C.W.A. project.

The petition for a driveway around Fresh Pond, received annually, has again been considered "inexpedient" by the Water Board, as this is the only location available in that vicinity for smaller children and pedestrians.

The golf course, built under the direction of the "Cambridge Unemployed" Committee, and at its expense, is in use. It functions under the supervision of the Park Department. The Water Department has allowed the committee the use of land for the storage of its equipment used in the construction of the links. The sanitary arrangements have been completed so that there will be no possible pollution to the water supply.

The request by the Division of Fisheries to trap fish at Fresh Pond has not been granted by the Water Board.

A strip of land twelve feet wide, a part of Fresh Pond Reservation on the south side of Concord Avenue, has been granted to the city for the purposes of street widening, with the provisions that a new fence be erected and that the adjacent grounds be kept in condition approved by the Water Board.

Permission has been given to the City Engineer, Mr. Hooker, to lay a sewer from private land near Lexington Avenue through land owned by the Water Department to the Worthington Street sewer.

There have been 1,060,800 gallons of sewage removed from the vaults and cesspools on the reservations.

As the Town of Weston no longer cares to have so much objectionable waste discharged into its drains, an agreement was made with the City of Waltham wherein we are allowed to dispose of the sewage through a manhole on one of its main sewers. This

courtesy was granted with the understanding that the sewer main shall be flushed daily. Attending the privilege, the City of Waltham also allowed this department to lay about three hundred feet of two-inch pipe which is connected to its own water mains to flush the sewer as stipulated.

The coöperation of the Town of Weston in helping to abate the nuisances existing on our watershed is very much appreciated.

Notices have been sent to the property owners, and unless conditions are improved their licenses will be revoked.

The Coburn Heirs have remedied the menace on their estate and improved the property. Other premises will be inspected the coming year.

The grave danger from pollution on the Dean estate has been referred to the City Solicitor for action.

Mr. B. Loring Young petitioned for land, owned by the Water Department in Weston, to be used for street widening. The Board has referred the request to the Mayor for settlement.

The Commonwealth of Massachusetts has taken land, owned by the Water Department in Lexington and Lincoln, for street widening purposes. The original cost to the city for these parcels of land was, in Lexington, \$13,060; and, in Lincoln, \$16,231. This has been referred to the City Solicitor for settlement. A permit was given to Mr. Arthur C. Comey to lease the "Pennell" lot of about twenty acres, on the east side of Mill Street adjacent to his property, with the provision that he will protect same.

The Water Board again acknowledges with appreciation the continued and interested coöperation of Mayor Russell and the Cambridge City Council.

Respectfully submitted,

CAMBRIDGE WATER BOARD,

GEORGE F. McINNES,
JAMES J. SCULLY,
HENRY L. SKELLEY,
HOWARD M. TURNER.

REPORT OF THE GENERAL SUPERINTENDENT OF THE CAMBRIDGE WATER WORKS

Cambridge, Mass., December 31, 1933.

To the Honorable Water Board:

The report of the General Superintendent for the year ending December 31, 1933, is hereby respectfully submitted.

The financial reports are compiled from figures submitted by the clerical department.

Amount of bills uncollected December 31, 1932.

Water rates (schedule).....	\$21,730 00	
Water rates (meters).....	42,887 92	
Supplies, new.....	744 06	
Supplies renewed.....	5,927 71	
Maintenance, general.....	3,102 99	
Maintenance, cleaning supplies.....	325 00	
Maintenance, setting meters.....	297 22	
Off and on.....	45 00	
Seals.....	8 25	
Rents.....	36 00	
	<hr/>	\$75,104 15

Amount of bills committed to City Treasurer for collection from January 1 to December 31, 1933.

Water rates (schedule).....	\$12,079 60	
Water rates (meters).....	470,280 21	
Supplies, new.....	1,139 40	
Supplies renewed.....	5,875 31	
Maintenance, general.....	2,460 75	
Rents.....	1,584 80	
Cleaning supplies.....	600 00	
Off and on.....	112 00	
Seals.....	0 00	
	<hr/>	\$494,132 07

There have been collected:

Water rates (schedule and fractional).....	\$15,531 85	
Water rates (meters).....	453,429 78	
Supplies, new.....	853 27	
Supplies renewed.....	5,380 99	
Maintenance, general.....	1,763 65	
Maintenance, cleaning supplies.....	452 00	
Rents.....	1,570 80	
Off and on.....	88 41	
Seals.....	50	
Setting meters.....	7 41	
	<hr/>	\$479,078 66

Refunds for 1933 = \$8,595.10

There remains uncollected December 31, 1933:

Water rates (schedule)	\$12,314 60	
Water rates (meters)	59,042 15	
New supplies	1,029 34	
Supplies renewed	6,386 47	
Maintenance, general	3,752 30	
Maintenance, setting meters	289 81	
Maintenance, cleaning supplies	473 00	
Off and on	72 00	
Seals	7 75	
Rents	50 00	
	<hr/>	\$83,417 42

EXPENDITURES

Maintenance		
General Account	\$295,748 77	
Pumping Account	50,886 27	
Reservoirs Account	44,154 78	
Filtration Account	47,971 98	
	<hr/>	\$438,761 80
(Serial bonds \$56,000 00 and interest \$51,007 50 included in General Account)		

The surplus receipts for the year are retained in the City Treasury to
the credit of the Water Department as required by law \$35,877 35

Comparison of Pumpage

	Pumpage		Decrease
	1932	1933	
	Gallons	Gallons	Gallons
January	388,691,400	355,262,800	33,428,600
February	361,742,600	314,969,600	46,773,000
March	382,733,900	356,309,800	26,424,100
April	364,310,100	332,184,700	32,125,400
May	388,137,400	365,799,200	22,338,200
June	376,175,400	359,960,100	16,215,30
July	379,541,000	362,815,200	16,725,800
August	372,377,900	370,332,300	2,045,600
September	350,465,500	335,926,800	14,538,700
October	370,461,300	361,016,300	9,445,000
November	350,323,300	347,300,900	3,022,400
December	371,751,300	353,314,500	18,436,800
Total	4,456,711,100	4,215,192,200	241,518,900

No increase during the year.

Comparative Total Pumping During Past Ten Years

Year	Annual Pumpage	Total Increase or Decrease	Average Daily Pumpage	Daily Increase or Decrease	Average Daily Pumping Per Capita	Estimated Population
	Gallons	Gallons	Gallons	Gallons	Gallons	
*1924	4,369,863,900	220,758,300 increase	11,939,519	572,107 increase	103	114,900
*1925	4,269,098,000	100,765,900 decrease	11,696,159	243,360 decrease	97	120,053
*1926	4,354,956,100	85,858,100 increase	11,931,386	235,227 increase	99	120,053
*1927	4,501,195,400	146,239,300 increase	12,332,042	400,656 increase	103	119,667
*1928	4,379,248,600	121,946,800 decrease	11,965,160	366,882 decrease	97	123,000
*1929	4,493,356,100	114,107,500 increase	12,310,564	345,404 increase	98	125,000
*1930	4,729,269,480	235,913,380 increase	12,956,902	646,338 increase	103	125,000
*1931	4,787,859,430	58,589,950 increase	13,117,423	160,521 increase	105	125,000
†1930	3,625,781,830		13,184,661			
†1931	3,413,852,500	211,929,330 decrease	12,414,009	770,652 decrease	99	125,000
‡1931	4,575,930,100		12,502,541			
‡1932	4,456,711,100	119,219,000 decrease	12,176,806	325,735 decrease	98	125,000
‡1933	4,215,192,200	241,518,900 decrease	11,548,471	628,335 decrease	92	125,000

*Fiscal year ended March 31.

† For nine months, April 1 to December 31. Total pumpage for year 4,575,930,100 gallons. Daily average pumpage for year, 12,502,541 gallons.

‡ Fiscal year changed to December 31.

Rainfall for Year Ending December 31, 1933

1933	Fresh Pond *Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
	Inches	Inches	Inches
January	2.04	2.26	2.22
February	3.77	4.00	3.75
March	6.80	6.37	6.80
April	7.37	6.20	6.04
May	2.74	1.54	2.01
June	1.22	2.66	1.36
July	2.63	2.44	2.59
August	3.41	2.88	3.02
September	10.94	11.31	10.26
October	3.11	3.27	3.47
November	0.65	0.96	0.83
December	2.95	3.95	3.24
Total	47.63	47.84	45.59

* Records of Fresh Pond are given by City Engineer.

Total Rainfall for the Past Ten Years

	Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
	Inches	Inches	Inches
1925	29.40	43.27	41.59
1926	39.08	44.27	42.02
1927	35.86	39.63	33.96
1928	38.45	46.98	43.42
1929	38.78	46.28	42.00
1930	32.86	36.50	36.39
1931	36.27	40.82	38.42
*1931	29.58	32.20	29.33
†1932	44.69	47.31	48.68
†1933	47.63	47.84	45.59

• For nine months only.

† For year January 1 to December 31. Previous years from April 1 to March 31.

FRESH POND PUMPING STATION

	RUNNING TIME			PUMPAGE				COAL CONSUMED		Rain-fall Inches	Average Elevation of Fresh Pond
	Days	Hours	Daily Average	Leavitt Engine No. 3 Gallons	Worthington Engine No. 4 Gallons	Total Gallons	Daily Average Gallons	Total Pounds	Daily Average Pounds		
1933											
January	31	444.25	14.33		355,262,800	355,262,800	11,460,090	536,500	17,306	2.04	15.34
February	28	393.75	14.06		314,969,600	314,969,600	11,248,914	476,200	17,007	3.77	15.15
March	5	118.00		54,498,400							
	26	324.50	14.27		301,811,400	356,309,800	11,493,864	533,100	17,196	6.80	15.44
April	00.2	3.00		2,481,600							
	29.8	418.00	14.03		329,703,100	332,184,700	11,072,823	438,800	14,625	7.37	15.59
May	00.08+	1.00		858,800							
	30.91+	446.25	14.42		364,940,400	365,799,200	11,799,200	450,500	14,532	2.74	16.11
June	30	440.00	14.66		359,960,100	359,960,100	11,998,670	438,200	14,606	1.22	16.53
July	31	443.00	14.29		362,815,200	362,815,200	11,703,716	444,500	14,330	2.63	15.40
August	31	452.75	14.60		370,332,300	370,332,300	11,946,203	454,900	14,674	3.41	16.08
September	30	409.25	13.64		335,926,800	335,926,800	11,197,560	411,400	13,713	10.94	15.06
October	31	441.50	14.24		361,016,300	361,016,300	11,645,687	442,400	14,270	3.11	16.10
November	30	424.75	14.15		347,300,900	347,300,900	11,576,696	446,700	14,890	0.65	15.60
December	31	432.25	13.94		353,314,500	353,314,500	11,397,241	487,800	15,735	2.95	16.45
Total	365	5,192.25		57,838,800	4,157,353,400	4,215,192,200		5,561,000			
Daily Average			14.22				11,548,471		15,235	47.63	15.74

FRESH POND RESERVOIR

1933	Highest Elevation During Month	Lowest Elevation During Month	Average	Rainfall by the Month	Pumpage
January 1		14.00			
January 31	16.53		15.34	2.04	355,262,800
February 2	16.70				
February 17		14.07	15.15	3.77	314,969,600
March 11	16.70				
March 27		14.19	15.44	6.80	356,309,800
April 1		14.68			
April 14	16.70		15.59	7.37	332,184,700
May 1		14.94			
May 31	16.85		16.11	2.74	365,799,200
June 6	16.97				
June 13		16.03	16.53	1.22	359,960,100
July 1	16.42				
July 11		14.30	15.40	2.63	362,815,200
August 14		15.18			
August 31	16.80		16.08	3.41	370,332,300
September 2	16.97				
September 24		13.75	15.06	10.94	335,926,800
October 1		14.56			
October 31	17.27		16.10	3.11	361,016,300
November 3	17.45				
November 19		14.50	15.60	0.65	347,300,900
December 1		15.48			
December 31	17.37		16.45	2.95	353,314,500
Totals				47.63	4,215,192,200

Average for the year 15.74

PUMPING STATISTICS

From January 1 to December 31, 1933

1. Builders of pumping machinery: one Leavitt engine of 20,000,000 gallons capacity per twenty-four hours, built by Groshon High Duty Pumping Engine Company; one Worthington Cross Compound of 20,000,000 gallons capacity per twenty-four hours; and two Worthington Compound Duplex engines of 5,000,000 gallons capacity per twenty-four hours. Total capacity, 50,000,000 gallons per twenty-four hours.
 2. Description of fuel: kind, bituminous. Brand and price of coal, Beacon Special and Berkeley Seam, at \$5.38 per ton.
 3. Coal consumed for year, 5,561,000 pounds. Daily average coal consumed, 15,235 pounds. Coal per million gallons pumped, 1,319 pounds. Total pumpage for year with four per cent allowance for slip, on Leavitt engine, 4,215,192,200 gallons. Daily average, 11,548,471 gallons.
 4. Average static head against which the pump works, 162.76.
 5. Average dynamic head against which the Worthington pump works, 190.
 6. Duty of Worthington engine which pumped 98 per cent of pumpage is 120,195,000.
 7. Cost of pumping figured on pumping expenses, *viz.*: \$50,886.27.
 8. Per million gallons pumped, \$12.07.
 9. Per million gallons raised one foot (dynamic), \$0.063.
- Total population, census of 1925, 119,667 (corrected).
Estimated population supplied on lines of pipes, 125,000.

The appropriation of \$29,000 for the purchase and setting of two new boilers at the Pumping Station was granted by the City Council. This amount was based on an early estimate of the cost of installation which, because of the necessity of conforming to "Code," was increased, and an additional amount of \$7,500 was requested and granted.

The contract for the two boilers will be given to Edge Moor Boiler Company of Edge Moor, Pa., and the foundation will be built by T. J. Murphy Company, of Cambridge, Mass.

The office of Hollis French has been retained as engineers on supervision.

SUMMARY OF STATISTICS

In form recommended by the New England Water Works Association

CAMBRIDGE WATER WORKS

Cambridge, Middlesex County, Massachusetts

GENERAL STATISTICS

Population by census 1920, 109,456; 1925, 119,667.

Estimated population December 31, 1933, 125,000.

"Cambridge Water Works Corporation" was chartered in 1852 and organized in 1853.

The works were constructed in 1855, Mr. John Blake, consulting engineer, and came into possession of the city by purchase in 1865, when they were called "Cambridge Water Works."

The original source of supply was Fresh Pond in Cambridge and Belmont, which was enlarged by connection via conduit with Wellington Brook and Spy Pond, Arlington. The waters of these additional sources were adjudged unfit for domestic use in 1880 and since that time have not been utilized for a supply in Cambridge.

In 1887 Fresh Pond was augmented by a storage reservoir which had been constructed on Stony Brook, located in Weston and Waltham. The waters from this brook are brought to Cambridge by a conduit, originally a thirty-inch cast-iron pipe, which was laid through Waltham and Watertown to Fresh Pond Reservoir. This extension of the works was made under the direction of Mr. Henry N. Crafts, as consulting engineer, and our City Engineer, Mr. W. S. Barbour.

The population of the city was about 60,000 in 1887.

In 1897, an additional provision was made for storing water by the construction of two large reservoirs artificially formed by constructing two dams across Hobbs Brook, which is a tributary of Stony Brook, and flows through Lexington and Lincoln. Payson Park Distributing Reservoir also was completed in 1897. Consulting engineers, Mr. A. Fteley and Messrs. Rice and Evans, and our City Engineer, Mr. L. M. Hastings, directed the construction of these reservoirs.

The population was about 87,500 in 1897.

In 1905 and 1906, two sections of the Stony Brook pipe line were rebuilt; the new conduit was made of concrete, sixty-three inches in diameter. Another part was rebuilt in 1908, when a new thirty-inch main of cast iron was laid to replace 1,500 feet of old thirty-inch line which has been abandoned. The consulting engineer for the concrete conduit was Mr. Freeman C. Coffin, assisted by our City Engineer, Mr. L. M. Hastings. The new thirty-inch main was laid under the supervision of the Water Works Superintendent, Mr. E. C. Brooks.

The conduit is constructed as follows:

From Fresh Pond to beyond Holmes Street	1,024 feet of 63-inch concrete
From Holmes Street to beyond Holworthy Place . . .	470 feet of 42-inch cast iron
From Holworthy Place to River Street, Waltham . . .	25,867 feet of 63-inch concrete
From River Street to Waltham Pumping Station . . .	8,710 feet of 30-inch cast iron
From Waltham Pumping Station to gate house at dam	5,003 feet of 36-inch cast iron
From River Street to the { {	6,662 feet of 36-inch steel
36-inch under the dam } }	6,061 feet of 36-inch cast iron
<hr/>	
53,797 feet	

This 36-inch conduit is connected to the 63-inch; it was finished in 1932 and the water was turned into it on September 24, 1932.

There are also 747 feet of 30-inch under the dam at Stony Brook Reservoir.

In 1928 the efficiency of this conduit was increased by cleaning the 36-inch and 30-inch cast iron main from the Stony Brook dam to River Street. The capacity is now estimated at 16,000,000 gallons daily.

Mode of supply: gravity from Hobbs Brook and Stony Brook storage reservoirs to Fresh Pond Filtration Plant; thence by pumping, through the 40-inch steel pumping main to Payson Park distributing reservoir; thence by gravity to consumers through the 40-inch steel distributing main. The Leavitt engine, built in 1897, of 20,000,000 capacity is connected with these steel mains. The Cross Compound Worthington engine of 20,000,000 gallons capacity is also connected to the steel mains.

In case of necessity, the water can be pumped direct from the pumping station through the 30-inch and 24-inch cast iron pumping mains into the 40-inch steel distributing main.

The length of this 40-inch steel pumping main from the Pumping Station to Payson Park Reservoir is 8,392 feet and

from Payson Park Reservoir the 40-inch steel distributing main to the Cambridge Common is 14,924 feet; total, 23,316 feet.

In December, 1927, the work on the leak, which had existed for over twenty years in Payson Park Reservoir, was completed.

The Purification Plant was officially in operation June 28, 1923.

In 1932, six new filter beds and housings for same were added, making a total of sixteen beds and facilities for filtering 24,000,000 gallons of water daily. The housings and installations of two 7½ million gallons pumping units were also installed to connect Fresh Pond with the Plant through two 36-inch steel mains.

METHOD OF PURIFYING CAMBRIDGE WATER

The water formerly flowing into Fresh Pond from Stony Brook is now diverted through a 42-inch pipe and enters the sedimentation basin (which has a capacity of 1,500,000 gallons). Here the chemical treatment of alum takes place. The water then flows to the filter beds, and passes through three feet of graduated sand and gravel, where all suspended matter, caused by coagulation after chemical treatment, is removed. The water then passes over ripple plates in an aerator, where all gases, tastes and odors are removed. Lime is then added to restore alkalinity. Finally, before the water enters the clear water basin, chlorine is added to destroy any remaining germs.

From the clear water basin, which has a capacity of 4,000,000 gallons, the water is pumped to Payson Park Reservoir for distribution to the consumers, by gravity.

In the event of insufficient flow from Stony Brook, a low lift pump room has been constructed, and provision has been made to pump the water, when necessary, from Fresh Pond direct to the sedimentation basin, through a unit of high speed centrifugal pumps. Of these, one is 10,000,000, two are 6,000,000 each, and one is of 4,000,000 gallons capacity, and are sufficient to care for any emergency that may arise.

The Plant has a capacity of filtering 24,000,000 gallons per day.

In 1930, an additional supply was laid to the Purification Works to meet any emergency that might arise, should the 40-inch steel mains be out of commission. An 8-inch main was laid from Poplar Road, thence under the Boston & Maine tracks, and

to the Purification Plant, which now may be fed under all conditions.

An additional sedimentation basin for our Purification Plant has been asked for by the Planning Commission and is being considered by the Water Board.

For the year ending December 31, 1933, our pumpage was 4,215,192,200 gallons.

Our storage capacity, figured at high elevations in our reservoirs, is, at

Hobbs Brook (elevation 183.25)	3,181,000,000 gallons
Stony Brook (elevation 83.00)	402,000,000 gallons
Fresh Pond (elevation 16.85)	700,000,000 gallons
Payson Park (elevation 178.50)	43,000,000 gallons
	<hr/> 4,326,000,000 gallons

STATISTICS RELATING TO DISTRIBUTING SYSTEM

From January 1 to December 31, 1933

The forty-inch pumping main to and distributing main from Payson Park Distributing Reservoir are of steel.

The main pipes are of cast iron in sizes from two inches to forty inches.

The two-inch and smaller sizes are of lead lined pipe.

Extensions during the year, 1,579 feet; renewals, 1,544 feet.

Total now in use:

	feet
2-inch	9,310
3-inch	1,400
4-inch	68,790
6-inch	395,719
8-inch	103,367
10-inch	34,799
12-inch	92,735
16-inch	11,611
20-inch	25,177
24-inch	23,267
30-inch	12,257
40-inch	550
	<hr/> 778,982 feet or 147.53 miles

Forty-inch steel main, 23,316 feet or 4.41 miles.

Number of leaks found by inspectors while canvassing:

Basins.....	245
Bath tubs.....	270
Set tubs.....	301
Faucets.....	1,345
Toilets.....	991

Total found by inspectors.....	3,152
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Leaks reported at office and pipe yard:

Main pipes.....	16
Gates.....	8
Supplies.....	164
Meter.....	1
Standpipe.....	1

Total reported at office and yard....	190
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Total number of leaks.....	3,342
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MAIN PIPE

	Pipe		Gates	
	Feet	Size Inches	Kind	Size Inches
Broadway at Ellery Street, connect to new 30-inch.....	16	6	Fairbks.	6
Broadway at Dana Street, connect to new 30-inch.....	31	12		
Broadway at Ellsworth Avenue, connect to new 30-inch.....	30	6		
Broadway at Maple Avenue, connect to new 30-inch.....	18	6		
Broadway at Fayette and Lee Streets, connect to new 30-inch..	50	6		
Broadway at Antrim Street, connect to new 30-inch.....	17	6		
Broadway at Inman Street, connect to new 30-inch.....	5	12		
Broadway at Amory Street, connect to new 30-inch.....	20	6		
Broadway at Prospect Street, connect to new 30-inch.....	5	6		
Broadway at Tremont Street, connect to new 30-inch.....	26	6		
Broadway at Norfolk Street, connect to new 30-inch.....	5	6		
Broadway at Windsor Street, connect to new 30-inch.....	16	12		
Broadway at Clark Street, connect to new 30-inch.....	18	6		
Broadway at Elm Street, connect to new 30-inch.....	22	6		
Broadway at Columbia Street, connect to new 30-inch.....	3	12		
Broadway at Moore Street, connect to new 30-inch.....	7	6	Crane Fairbks.	12
Broadway at Sixth Street, connect to new 30-inch.....	16	8		
Broadway at Davis Street, connect to new 30-inch.....	20	6		
Broadway at Moore Street, connect B. O. onto sewer.....	7	6		
Brewster Street, remove 4-inch, lay 6-inch.....	746	6		
Concord Avenue, offset pipe over sewer, above new boulevard..	38	6		
Loughrey Avenue, extend 4-inch main.....	126	4		
Fresh Pond, in back of City Home.....	138	12		
Market Street, connect 8-inch to Clark Street.....	215	8		
Pemberton Street, between Sargent and Sherman Streets, 4-inch to be removed.....	431	6		
Reidesel Avenue, remove 4-inch, lay 6-inch.....	367	6	Rens.	3-6 in. 6 4
Smart Street, extend 6 inches to State Street.....	261	6		
Western Avenue, connect dead end at Franklin Street.....	340	6		
Wyman Street, new main.....	172	4		
			Smith	6
				2-8 in.

In connection with the laying of new 30-inch in Broadway, a new supply was put in off the 30-inch for 61, 91, and 145 Broadway, and Firestone Rubber Company at Broadway and Third Street.
At Broadway and Sixth Street a new 1 1/4-inch supply was laid in the sidewalk for 99 Broadway.

MAIN PIPE

	12 Inch	8 Inch	6 Inch	4 Inch	2 Inch	Feet Total
Length, in feet, of brass pipe.....					26	26
Length, in feet, of cast iron pipe.....	194	263	2,625	368		3,450
Total length, in feet, of pipe.....	194	263	2,625	368	26	3,476

Number of hydrants.....	30
Number of gates on main pipe.....	32
Number of gates on hydrants.....	16
Number of boxes.....	31

HYDRANTS

	Kind Removed	Kind Installed	Gates (Inches)
Arlington Street, near Walnut Avenue.....	Perkins	Corey	6
Bay Street, corner Massachusetts Avenue.....	new	Chapman	
Broadway and Elm Street.....	new	Kennedy	
Near 934 Cambridge Street.....		Kennedy	
Cambridge Street, Holy Ghost Hospital.....		Corey	
Cambridge Street at Quincy Street, new Fire House	new	Kennedy	6
Near 101 Chilton Street.....		Kennedy	6
Columbia Street and Broadway.....		Kennedy	6
Near 19 Coolidge Hill Road.....		Kennedy	
Cushing Street, near Cushing Court.....		Corey	6
Near 64 Fairfield Street.....	Perkins	Chapman	6
Near 41-43 Fenno Street.....	new	Chapman	6
At Grant Street and DeWolfe Street.....		Kennedy	
Green Street, near Police Station.....		Chapman	
Hawthorn Street and Acacia Street.....	Perkins	Kennedy	
Landsdowne Street, corner Pilgrim Street.....	new	Chapman	6
Locust Street, corner Holworthy Street.....		Chapman	
Near 19 Magoun Street.....	new	Kennedy	
Main Street, near First Street.....		Chapman	
Massachusetts Avenue, corner Edmunds Street.....		Chapman	6
Massachusetts Avenue and Walden Street.....	Boston	Corey	6
Near 1820 Massachusetts Avenue.....	Perkins	Kennedy	6
Orchard Street and Davenport Street.....		Corey	
Oxford Street, corner Mellen Street.....	Kennedy	Chapman	6
On Pemberton Street.....	new	Kennedy	6
Near 366-68 Prospect Street.....		Kennedy	6
On Quincy Street.....		Corey	6
Seckle Street and Webster Avenue.....	Perkins	Corey	
On Smart Street.....	new	Kennedy	6
Tannery Street, near Muller Avenue.....	Perkins	Corey	

NUMBER OF HYDRANTS IN USE

Boston.....	31
Chapman.....	698
Coffin.....	35
Corey.....	272
Flush.....	1
Holyoke.....	172
Kennedy.....	71
Matthews.....	9
Perkins.....	56
Total.....	1,345

Number of hydrants added during year, 8.

Number of gates added during year on main pipes and hydrants, 32.

Range of pressure on mains, 55 to 60 pounds.

NEW SUPPLIES

Kind of pipe: galvanized iron, cast iron, tin-lined, lead-lined, cement-lined, and brass.

Extended during the year, 1,919 feet.

Sizes, 3/4-inch to six-inch.

Number of supplies added during the year, 40.

3/4-inch	9
1-inch	16
1 1/4-inch	1
1 1/2-inch	1
2-inch	5
4-inch	2
6-inch	6
<hr/>	
Total	40

Number in use at date, 17,050.

Average length of services for the past year, 48 feet.

*Average cost per supply includes large supplies up to 6-inch, \$64.63.

*Average cost per supply (labor), \$47.25.

Number of meters added during year, 673.

Total number of meters, 14,172.

Percentage of services metered (in use), 93 per cent.

The following large supplies were laid this year in sizes from 4-inch to 6-inch; five of them were for fire protection.

New Fire House, Quincy and Cambridge Streets	4-inch
Maxwell Walluck, 306 Webster Avenue	6-inch fire
Baker Supply Co., 145 Broadway (this was done in connection with new main pipe job)	6-inch fire
Cambridge Savings Bank (formerly Cambridge Salvage Supply Co.), 91 Broadway	6-inch fire
Columbian Investment Trust, 305 Webster Avenue	6-inch fire
New Police Station, Central Square	4-inch
Boston Blacking Co., Potter Street	6-inch fire

* Includes a charge of \$5 per square yard for resurfacing streets. This is charged to property owners who have acquired new or renewed supplies.

FIRE SUPPLIES

Five "fire" supplies have been laid during the year. The following list contains the number of fire supplies in commission at this date (unmetered excepting where specified).

Adelson Estate, 544 Massachusetts Avenue	6-inch
Albiani Bros., 556 Main Street	6-inch
Allen & Endicott Building Co., 63 Albany Street	6-inch
American Rubber Co., Binney Street	6-inch
American Rubber Co., Potter Street	6-inch
American Circular Loom Co., Clarendon Avenue	6-inch
American Circular Loom Co., Tannery Street (metered)	2-inch
American Optical Co., 150 Broadway	6-inch
Ashton Valve Co., 161 First Street	6-inch
Associated Trust, 888 Massachusetts Avenue	2-inch
Atwood & McManus, 64 Aberdeen Avenue	6-inch
Baker Supply Co., 145 Broadway	6-inch
Barber Asphalt Paving Co., First Street	6-inch
Baretta, Mary, 336 Main Street	6-inch
Barta Press, The, Massachusetts Avenue	6-inch
Bell Confectionery Co., J. S., Sixth Street	6-inch
Berkshire Factory Trust, Amherst Street	6-inch
Blacker & Shepard Co., Osborn Street (metered)	1½-inch
Blake & Knowles Steam Pump Works, Binney Street	8-inch
Blake & Knowles Steam Pump Works, Binney Street	6-inch
Blake & Knowles Steam Pump Works, Third Street	4-inch
Blanchard Machine Co., State Street	6-inch
Blanchard Machine Co., State Street	6-inch
Boston Blacking Co., Potter Street	6-inch
Boston Book Binding Co., Inc., 21 Mt. Auburn Street	6-inch
Boston Book Binding Co., Inc., 21 Mt. Auburn Street	4-inch
Boston Book Binding Co., Inc., Arrow Street	4-inch
Boston Cafeteria Co., 22 Dunster Street	6-inch
Boston Confectionery Co., 814 Main Street	6-inch
Boston Confectionery Co., 29 State Street	6-inch
Boston Elevated Railway Co., Bennett Street	4-inch
Boston Elevated Railway Co., Baldwin Street	4-inch
Boston Elevated Railway Co., Massachusetts Avenue	4-inch
Boston Elevated Railway Co., Mt. Auburn Street	2-inch
Boston Elevated Railway Co., Mt. Auburn Street	4-inch
Boston Elevated Railway Co., Murray Street	4-inch
Boston Elevated Railway Co., Murray Street	6-inch
Boston Elevated Railway Co., Peabody Street	6-inch
Boston Elevated Railway Co., River Street	4-inch
Boston Elevated Railway Co., University Road	8-inch
Boston & Maine Railroad, Bridge Street	6-inch
Boston & Maine Railroad, Bridge and Water Streets	6-inch
Boston & Maine Railroad, East Street	6-inch
Boston & Maine Railroad — in Yard — Four Cambridge Hydrants.	
Burke, Thomas F., 881 Massachusetts Avenue (metered)	2-inch
Cambridge, City of, Raymond Street	2-inch
Cambridge, City of, Raymond Street	6-inch
Cambridge Electric Light Co., Western Avenue	6-inch
Cambridge Garage Co., 120 Mt. Auburn Street	6-inch
Cambridge Gas Light Co., Potter Street	6-inch
Cambridge Gas Light Co., Third Street	6-inch
Cambridge Gas Light Co., Second Street	6-inch
Cambridge Ice Co., Cottage Park Avenue	6-inch

Cambridge Mutual Fire Insurance Co., Massachusetts Avenue (metered)	2-inch
Cambridge Rubber Co., Main and Windsor Streets	6-inch
Cambridge Salvage and Supply Co., 197 Fifth Street	6-inch
Cambridge Salvage and Supply Co., Sixth and Broadway	6-inch
Cambridge Salvage and Supply Co., 81-83 Broadway	6-inch
Cambridge Savings Bank, 91 Broadway	6-inch
Carter's Ink Co., First Street (metered)	4-inch
Carter's Ink Co., Athenaeum Street	6-inch
Christ Church, Garden Street	6-inch
Climax Paper Box Co., 20-24 Cottage Park Avenue	4-inch
Close Company, The George, Broadway	6-inch
Codman, Catherine A., Richdale Avenue	6-inch
College House Trust, 1436 Massachusetts Avenue	4-inch
College House Trust, 1434 Massachusetts Avenue	6-inch
Columbian Investment Trust, 305 Webster Avenue	6-inch
Columbia Jewelry Co., Camp Street	6-inch
Commonwealth Laundry, 348 Franklin Street (metered)	4-inch
Commonwealth Laundry, 348 Franklin Street	6-inch
Corcoran, Heirs of John H., 631 Massachusetts Avenue	6-inch
Corcoran, Heirs of John H., Massachusetts Avenue and Essex Street	6-inch
Corcoran, Joseph F., 62 Albany Street	6-inch
Corcoran Supply Co.	6-inch
Daggett Chocolate Co., Main and Ames Streets	6-inch
Daggett Trust, The, Ames Street	6-inch
Danberg Bros., 141 First Street	6-inch
Davenport, A. H., Cambridge Street	6-inch
Davenport, A. H., Otis Street	6-inch
Denara, Margaret, 33 Clark Street	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street	6-inch
* Dewey & Almy Chemical Co., Harvey Street	6-inch
Dodge, Haley Co., 18 Hurley Street	6-inch
Dodge Motor Vehicle Co., 29 Lansdowne Street	6-inch
Dover Stamping and Manufacturing Co., Pleasant Street	6-inch
Dow Co., John C., 220 Portland Street (metered)	2-inch
Dow, Fred H., 718 Main Street	6-inch
Dow, Henry J., Inc., 217 Thorndike Street	6-inch
East Cambridge Savings Bank, 292 Cambridge Street	4-inch
Eisenberg & Shapiro, 2419 Massachusetts Avenue	6-inch
Elliott Addressing Machine Co., 147-153 Albany Street	6-inch
Episcopal Theological School, Brattle Street	6-inch
Eustis Manufacturing Co., J. P., 12-16 Ames Street	6-inch
Fellows & Son, 810 Memorial Drive	6-inch
Field, Walter W., 39-41 Hayward Street	6-inch
Filene's Sons Co., Wm., Main and Memorial Drive	6-inch
Filene's Sons Co., Wm., Memorial Drive	6-inch
First Congregational Church, Garden Street	6-inch
Fitzgerald, John F., 31 Main Street	6-inch
Flash Chemical Co., Second Street	6-inch
Flynn, T. J., Albany and Portland Streets	6-inch
Freedman, Morris, 197 Fifth Street	6-inch
Furbish, Fred B., 41 Church Street	4-inch
Geilfuss, Charles A., 58 Brookline Street	6-inch
General Radio, 38 State Street	6-inch
George Realty Co., 54 Washburne Avenue	6-inch
Ginn & Co., First Street	6-inch
Ginn & Co., Athenaeum Street	Two 6-inch
Ginn & Co., Munroe Street	6-inch
Ginsberg, Harris, 25 Pearl Street	6-inch
Goepper Brothers, Ninth Street (metered)	1½-inch

* Dewey & Almy supplies connected to crossover.

Goldman, Lowe, 360 Prospect Street.....	6-inch
Graham & Company, James J., Otis Street.....	6-inch
Gray & Sons, Peter, Third Street.....	6-inch
Green Bros., 47 Austin Street.....	6-inch
Greer, J. W., 125 Sidney Street.....	6-inch
Greylock Candy Co., 414 Main Street.....	6-inch
Harvard Co-operative Society, Palmer Street.....	Two 6-inch
Harvard University, "Austin" Hall.....	6-inch
*Harvard University, Banks Street.....	4-inch
Harvard University, Claverly Hall.....	6-inch
Harvard University, Harvard Hall.....	6-inch
Harvard University, Harvard Union.....	6-inch
Harvard University, 2 Holmes Place.....	6-inch
Harvard University, 29 Holyoke Street.....	4-inch
Harvard University, Holyoke Hall.....	6-inch
Harvard University, Jefferson Physical Laboratory.....	6-inch
Harvard University, Langdell Hall.....	4-inch
Harvard University, 1354 Massachusetts Avenue.....	6-inch
Harvard University, 479 Massachusetts Avenue.....	6-inch
Harvard University, Matthews Hall.....	6-inch
Harvard University, Memorial Hall (metered).....	Two 4-inch
Harvard University, Kirkland Street (Delta Building).....	6-inch
Harvard University, Observatory.....	6-inch
Harvard University, Oxford Street (Drill Hall).....	6-inch
Harvard University, Oxford Street (Perkins).....	6-inch
Harvard University, Semitic Museum.....	4-inch
Harvard University, Stillman Infirmary.....	6-inch
Harvard University, University Hall.....	6-inch
Harvard University, Weld Hall (1½" meter).....	6-inch
Haskell, Adams Co., 30 Henry Street.....	6-inch
Hasty Pudding Club, Holyoke Street.....	4-inch
Henderson Bros., 2069 Massachusetts Avenue.....	6-inch
Hews Co., A. H., Richdale Avenue.....	Two 4-inch
†Hews Co., A. H., Sherman Street.....	6-inch
Hingham Knit Goods Co., Banks Street.....	4-inch
Holmes Real Estate Trust, 219 Central Square.....	6-inch
Holmes Real Estate Trust, 624 Massachusetts Avenue.....	6-inch
Hood Ice Cream Co., 155 Massachusetts Avenue.....	6-inch
Holy Ghost Hospital for Incurables, Cambridge Street.....	3-inch
Houghton & Dutton, 656 Main Street.....	6-inch
Houghton Mifflin Co., Blackstone Street.....	8-inch
Houghton Mifflin Co., River Street.....	6-inch
Howe, Estate of Otis, 748 Main Street.....	6-inch
Hyde, Abe R., Windsor Street.....	6-inch
Hyde, Abe R., 432 Columbia Street.....	6-inch
Ideal Furniture Co., 1217 Cambridge Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, Cambridge Street.....	6-inch
Irving & Casson, 27 Otis Street.....	6-inch
Irving & Casson, Otis Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	Two 6-inch
Irving & Casson, Thorndike Street (metered).....	2-inch
Ivers & Pond Piano Co., Albany Street.....	4-inch
Ivers & Pond Piano Co., Main Street.....	6-inch
Jacobs, David, 60 First Street.....	6-inch
Johnson Marble Co., 37 Osborn Street.....	6-inch
Kendall Square Building Trust, 20 Hayward Street.....	6-inch
Klauer Bros., 345 Franklin Street.....	6-inch

* Tapped for ¾-inch. No meter.

† Tapped for ¾-inch.

Kramer, George, 11 State Street	6-inch
Kingston Knitting Co., Carleton and Deacon Streets	6-inch
Ladd & Barker, 11 Windsor Street	6-inch
Lamb & Ritchie, Albany Street	6-inch
Lever Brothers, Ltd., Broadway	6-inch
Lever Brothers, Ltd., Burleigh Street	10-inch
Lever Brothers, Ltd., Harvard Street	8-inch
Lever Brothers, Ltd., Harvard Street	6-inch
Lever Brothers, Ltd., Broadway	8-inch
Lever Brothers, Ltd., Broadway	6-inch
Lever Brothers, Ltd., Portland Street	6-inch
Lever Brothers, Ltd., Portland Street	6-inch
Library Bureau, Albany Street	6-inch
Liquid Carbonic Co., 136 Broadway	6-inch
Little, Inc., A. D., Memorial Drive	6-inch
Little, Brown & Co., Putnam Avenue	6-inch
Little, Brown & Co., Blackstone Street	6-inch
Lovell & Hall, Whittemore Avenue	6-inch
Lualdi, Inc., Angelo, 6 Cambridge Street	6-inch
Macomber, George E., 128 Magazine Street	6-inch
Main Street Trust, Amherst Street	6-inch
Main Street Trust, Amherst Street	6-inch
Manhattan Market Co., 271 Green Street	6-inch
Manufacturers' National Bank Realty Trust, 226 Main Street	6-inch
Manufacturers' Bank Building Trust, Main Street	6-inch
Masonic Temple, 1594 Massachusetts Avenue	4-inch
Mason & Hamlin Co., Broadway	Two 6-inch
Massachusetts Institute of Technology (boat house)	6-inch
Massachusetts Institute of Technology, Memorial Drive	6-inch
McConnell Co., Erie and Waverly Streets	8-inch
McKenzie & Thorner, 137 Main Street	6-inch
McLean, Isaac, Mt. Auburn Street	4-inch
McLean, Isaac, "Brentford Hall"	4-inch
Metropolitan Storage Warehouse Co., Massachusetts Avenue	6-inch
Middlesex County House of Correction, Second and Spring Streets	6-inch
Middlesex County, Third Street	6-inch
Moll, Blanche A., 820 Somerville Avenue	6-inch
Monk's Laundry, Norfolk Street	6-inch
Morse, Estate of A. P., 585 Massachusetts Avenue	6-inch
Mosaic Co., Pignat Vincenzie, 699 Mt. Auburn Street	6-inch
Myerson, Simon, 90 Hamilton Street	6-inch
National Biscuit Company, Franklin Street	4-inch
National Biscuit Company, Franklin Street	6-inch
National Biscuit Company, Green Street	8-inch
National Casket Company, 122 First Street	6-inch
National Casket Company, Bent Street	6-inch
National Company, 120 Brookline Street	4-inch
New England Cabinet Co., 37 Harris Street	6-inch
New England Confectionery Co., Cross Street	8-inch
*New England Confectionery Co., Massachusetts Avenue	8-inch
New England Telephone and Telegraph Co., 10 Ware Street	4-inch
Newhall, C. A., 1420 Massachusetts Avenue	4-inch
Nichols, Annie W. H., Ames Street	6-inch
Nilson, Carl J., 36 Dickinson Street	6-inch
North American Chemical Co., 19 Chestnut Street	6-inch
North Packing & Provision Co., Windsor Street	6-inch
Olympia Theatre Co., Inc., Massachusetts Avenue	6-inch
O'Neil, Robert H., Jr., 47 Austin Street	6-inch
Oppenheim, Minnie and Annie, 1217 Cambridge Street	6-inch

* Tapped for garage.

Page Box Co., George G., Hampshire Street	Two 6-inch
Payne & Co., F. S., 75 Richdale Avenue	6-inch
Payne & Co., F. S., Richdale Avenue	6-inch
Peabody, Francis, Jr., et al., Claverly Hall	4-inch
Petterson, Oscar G., 183 Main Street	4-inch
Pierce, Trustees of Estate of Thomas, Broadway	6-inch
Pi Eta Club, Winthrop Square	2-inch
Poole Piano Co., Sidney Street	8-inch
Porter, Henry S., Kinnaird Street (metered)	4-inch
Porter, Henry S., Kinnaird Street	6-inch
Preble, George E., 798 Massachusetts Avenue	6-inch
Prest-o-Lite Co., Concord Avenue	6-inch
Prussian, Samuel W., 864 Main Street	6-inch
Radcliffe College, 8 Garden Street	6-inch
Reardon & Sons Corporation, John, Waverly Street (metered)	4-inch
Reardon, Edward, Erie Street (garage)	4-inch
Revere Sugar Refinery, Water Street	6-inch
Revere Sugar Refinery, Ninth Street	6-inch
Reversible Collar Co., Putnam Avenue	6-inch
Rice & Hutchins, Inc., Landsdowne Street	6-inch
Riverside Boiler Works, Harvard Street	4-inch
Riverside Boiler Works, Main Street	6-inch
Rosen, Henry, 287 Prospect Street	6-inch
Rosenbaum, Philip, 99 Broadway	6-inch
Ross & Co., William F., 201 Bridge Street	6-inch
Russell, Estate of Joseph G., 224 Albany Street	6-inch
Russell, Lucy J., 29 Elm Street (metered)	1 1/2-inch
Ryerson, John T., Binney Street	8-inch
Sacred Heart Parish, Seventh Street	4-inch
Salvi, Peter, 590 Main Street	8-inch
Sawyer & Son, Howard M., Thorndike Street	4-inch
Sawyer & Son, Howard M., Spring Street	6-inch
Sawyer & Son, Howard M., Second Street	6-inch
Scully, Francis P., First Street	6-inch
Scully, Sarah P., et al., 88 First Street	6-inch
Sears Roebuck & Company, 1815 Massachusetts Avenue	6-inch
Seelye, Francis P., First Street	4-inch
Shapiro, Jacob, Memorial Drive	6-inch
Sherburne, Estate of Reuben, Third Street	6-inch
Shine, John J., 420 Green Street	6-inch
Simplex Wire & Cable Company, Auburn Street	8-inch
Simplex Wire & Cable Company, Franklin Street	6-inch
Simplex Wire & Cable Company, 61 Pacific Street	6-inch
Simplex Wire & Cable Company, Pilgrim Street	4-inch
Simplex Wire & Cable Company, Sidney Street	6-inch
Southwick, Annie E., 684 Massachusetts Avenue	6-inch
Speare's Sons & Co., Alden, Binney Street	4-inch
Squire Co., J. P., Gore Street	8-inch
Standard Diary Co., 26 Blackstone Street	6-inch
Standard Oil Co., Potter Street	6-inch
Standard Plate Glass Co., 270 Albany Street	6-inch
Standard Turning Works, Main Street	4-inch
Stimpson, Harry F., 193 Albany Street	6-inch
Stimpson, Harry F., 175 Albany Street	6-inch
Stimpson, Harry F., 167 Albany Street	6-inch
Stimpson, Harry F., 157 Albany Street	6-inch
Stimpson, Harry F., 12 Emily Street	6-inch
Stimpson, Harry F., 95 Erie Street	6-inch
Stimpson, Harry F., 148 Sidney Street	6-inch
Stimpson, Harry F., 149 Sidney Street	6-inch

Stimpson, Harry F., 161 Sidney Street	6-inch
Stimpson Investment Corporation, 185 Albany Street	6-inch
Stone Co., C. W., 144 Second Street	6-inch
Suffolk Engraving & Electrotyping Co., Main and Carleton Streets	6-inch
Superior Laundry Co., 633 Concord Avenue	6-inch
Swan, Daniel A., 61 Broadway (metered)	2-inch
Sweetman, George H., 282 Portland Street	6-inch
Swift & Co., C. B., 13 Clark Street	6-inch
Tailby, Nason Co., Amherst Street	4-inch
Teele Soap Company, 6 Lincoln Place	6-inch
Thairwell Co., William C., 15 Tudor Street	4-inch
Thayer & Co., Henry, Sidney and Erie Streets	6-inch
Thompson Box Co., 62 Hampshire Street	6-inch
Thompson Box Co., 69 Hampshire Street	4-inch
Thorndike School, Spring Street	4-inch
Tower & Son, Sylvester, Broadway	4-inch
Union Real Estate Trust, 463 Main Street	4-inch
United Carr Fastener Co., Amherst Street	6-inch
United Carr Fastener Co., 43 Amherst Street	6-inch
United Carr Fastener Co., 27 Ames Street	6-inch
United Carr Fastener Co., 31 Ames Street (fire curtain)	6-inch
University Associates, Bow Street, Garage	6-inch
University Associates, Linden Street	4-inch
University Associates, Massachusetts Avenue	6-inch
University Associates, Albany Street	4-inch
Walluck, Maxwell, 306 Webster Avenue	6-inch
Ward, Corby Co., Potter Street	6-inch
Warren Brothers Co., Amherst Street	6-inch
Webster Co., F. S., 23 Amherst Street	6-inch
White, Herbert H., University Road	6-inch
Winter Hill Ice Co., Charles Street	6-inch
Youngman, William S., Massachusetts Avenue	4-inch

SUPPLIES CLEANED

Year ending March 31, 1912.....	159
Year ending March 31, 1913.....	278
Year ending March 31, 1914.....	471
Year ending March 31, 1915.....	727
Year ending March 31, 1916.....	841
Year ending March 31, 1917.....	896
Year ending March 31, 1918.....	825
Year ending March 31, 1919.....	1,158
Year ending March 31, 1920.....	1,467
Year ending March 31, 1921.....	1,348
Year ending March 31, 1922.....	1,829
Year ending March 31, 1923.....	970
Year ending March 31, 1924.....	963
Year ending March 31, 1925.....	798
Year ending March 31, 1926.....	522
Year ending March 31, 1927.....	414
Year ending March 31, 1928.....	367
Year ending March 31, 1929.....	282
Year ending March 31, 1930.....	270
Year ending March 31, 1931.....	197
Nine months ending December 31, 1931.....	130
Year ending December 31, 1932.....	110
Year ending December 31, 1933.....	119
Total.....	15,141

Since 1923 a charge of \$5 has been made for each supply cleaned.

SUPPLIES RENEWED

	6 Inch	4 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	Total
*Number of supplies, brass.....					1	7	2	3
*Number of supplies, copper.....						47	4	11
Number of supplies, lead lined.....		2	2	2	10		87	148
Number of supplies, cast iron.....								2
Total number of supplies.....		2	2	2	11	54	93	164
Length, in feet, of pipe, brass.....								
Length, in feet, of pipe, cast iron.....	25	96			8		20	28
Length, in feet, of pipe, copper.....							11	121
Length, in feet, of pipe, lead lined.....			87	61	342	1,592	2,196	11
Total length, in feet, of pipe.....	25	96	87	61	350	1,592	2,227	4,278
Number of corporation cocks.....								
Number of sidewalk cocks.....								30
Number of valves.....								36
Number of gates.....								64
Number of gate boxes.....				1				2
Number of cock boxes.....				3				3
Number of clamps with cocks.....								2
								3

* Pipe furnished by owners.

SUPPLIES LAID DURING PAST TEN YEARS

YEAR	New Supplies	Total Supplies Renewed	Total Supplies	Supplies Fur- nished with Sidewalk Serv- ice-Boxes Renewals
1924.....	153	272	425	28
1925.....	246	263	509	15
1926.....	256	172	428	10
1927.....	270	335	605	23
1928.....	302	359	661	22
1929.....	246	289	535	11
1930.....	171	316	487	92
1931.....	138	353	491	92
*1931.....	69	162	231	53
†1932.....	35	242	277	18
†1933.....	40	164	204	3

COMPARATIVE TRENCHING FOR THE PAST TEN YEARS

	MAIN PIPE		SUPPLIES		TOTAL	
	Extension	Renewals	New	Renewals	Feet	Miles
1924.....	3,654	1,895	5,747	6,892	18,188	3.44
1925.....	6,337		11,134	8,795	26,266	4.97
1926.....	4,009		10,138	7,079	21,226	4.01
1927.....	4,762		9,798	8,801	23,361	4.42
1928.....	2,499	1,309	10,500	9,560	23,868	4.52
1929.....	6,066		8,554	7,105	21,727	4.11
1930.....	1,565		6,001	9,928	17,494	3.31
1931.....	4,340	607	5,225	9,916	20,088	3.80
*1931.....	27,327	1,058	1,939	4,296	34,620	6.55
†1932.....	2,338		1,354	5,818	9,510	1.80
†1933.....	1,579	1,544	1,917	4,437	9,477	1.79

* For nine months ending December 31, 1931.

† Previous to March 31, 1931 the fiscal year ended March 31. Year ends December 31.

DOMESTIC AND INDUSTRIAL METERS

December 31, 1933

	6 Inch	4 Inch	3 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	⅝ Inch	Total
Badger.....	..	1	2	10	..	..	2	49	98	162
Buffalo.....	..	..	..	..	..	..	6	12	7	25
Empire.....	6	9	14	11	1	1	..	..	..	42
Federal.....	..	..	..	11	11	3	37	63	101	226
Gem.....	2	7	2	..	..	..	..	..	..	11
Hersey.....	2	9	18	40	20	6	111	262	755	1,223
Keystone.....	..	9	4	..	5	1	36	129	344	523
King.....	..	..	..	3	..	..	12	27	31	78
Lambert.....	..	..	..	1	..	..	4	23	138	166
Nash.....	..	..	..	..	1	..	..	2	43	46
Thomson.....	..	..	..	1	..	..	..	1	..	2
Torrent.....	..	..	1	2	..	..	..	..	..	3
Trident.....	..	..	3	33	20	9	101	213	496	875
Union Rotary.....	..	1	..	..	..	..	..	..	..	1
Watch Dog.....	..	7	13	52	37	83	386	2,276	3,006	5,860
Worthington.....	3	15	56	138	87	124	298	979	3,081	4,781
Totals	13	58	113	302	182	227	993	4,036	8,100	14,024

ON PUBLIC BUILDINGS

	4 Inch	3 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	⅝ Inch	Total
Crest.....	..	..	1	..	..	..	..	..	1
Crown.....	..	..	1	..	..	..	..	..	1
Empire.....	..	2	..	..	..	..	..	..	2
Federal.....	..	..	1	..	..	..	..	..	1
Gem.....	..	2	..	..	..	..	..	..	2
Hersey.....	..	1	2	1	..	4	4	..	12
Lambert.....	..	..	..	..	..	..	1	..	1
National Compound.....	1	..	..	..	..	..	..	..	1
Torrent.....	..	..	1	..	..	..	..	..	1
Trident.....	..	..	..	1	..	4	1	2	8
Watch Dog.....	3	..	4	..	1	..	..	..	8
Worthington.....	3	3	7	13	6	5	2	5	44
Totals	7	8	17	15	7	13	8	7	82

ON FIRE SUPPLIES

	8 Inch	6 Inch	4 Inch	3 Inch	Total
Hersey "Detector".....	3	38	8	5	54
Hersey "Detector and Compound".....	1	5	..	..	6
Neptune "Protectus".....	1	5	..	..	6
Totals	5	48	8	5	66

FIRE SUPPLIES EQUIPPED WITH "DETECTOR" OR "PROTECTUS" METERS

There has been no addition to this list during the year; there are sixty-six (66) in use.

Allen & Endicott Building Company, Main Street	6-inch on new supply
Allen & Endicott Building Company, Osborne Street	6-inch on new supply
Atwood & McManus, 64 Aberdeen Avenue	6-inch on new supply
Baker, Brownrigg K., Osborne Street (premises)	6-inch on new supply
Barbour Stockwell Company, 25 Broadway (premises)	6-inch on new supply
Blacker & Shepard Company, Sidney Street	6-inch on new supply
Blake & Knowles Steam Pump Works, Binney and Fifth Streets (premises)	6-inch on new supply
Blanchard Machine Company, 80 State Street (premises)	4-inch on new supply
Boston Elevated Railway Company, Massachusetts Avenue	6-inch on new supply
Boston Elevated Railway Company, Murray Street	6-inch on new supply
Boston Woven Hose & Rubber Company, Hampshire Street	6-inch on old supply
Boston Woven Hose & Rubber Company, Portland Street	6-inch on old supply
Boston and Maine Railroad, Bridge Street and Commercial Avenue	8-inch on old supply
Briggs, C. A., 418 Main Street	6-inch on new supply
Cambridge Paper Box Company, Broadway	6-inch on old supply
Cambridge Rubber Company, 748 Main Street	4-inch on new supply
Cutter, Wood & Sanderson, Third Street	6-inch on old supply
Davis, F. H., 175 Richdale Avenue	6-inch on new supply
Dyar Sales and Machinery Company, 62 Broadway	4-inch on new supply
Enterprise Moakler Company, Second Street	6-inch on old supply
Filene's Sons, William, 100 Main Street (premises)	6-inch on new supply
Filene's Sons, William, Memorial Drive	6-inch on new supply
Ford Motor Company, Brookline Street (premises)	6-inch on new supply
General Radio Company, 38 State Street	6-inch on new supply
Hammett & Company, J. L., Main and Hayward Streets (premises)	6-inch on new supply
Harvard University, Divinity Avenue (premises)	6-inch on new supply
Harvard University, Oxford Street (premises)	6-inch on new supply
Harvard University, Plympton Street (Lowell Hall)	4-inch on new supply
Harvard University, Sterling Street	6-inch on old supply
Harvard University, Widener Library (premises)	3-inch on new supply
Hathaway & Sons, C. F., 15 Richdale Avenue	4-inch on old supply
Hathaway & Sons, C. F., 15 Richdale Avenue	4-inch on new supply
Houghton, H. O. (Riverside Press), 20 Blackstone Street	6-inch on old supply
Johnson Educator Food Co., 100 Sidney Street (premises)	6-inch on new supply
Jordan Marsh Company, Amesbury Street (premises)	8-inch on new supply
Kemp & Sons, Lysander, Broadway (premises)	6-inch on new supply
*Lankofsky, Baila, 329 Elm Street	4-inch on new supply
Lonergan, Adeline J., 1572 Massachusetts Avenue	3-inch on new supply
†Lualdi, Inc., Angelo, 54 Charles Street	
Massachusetts Institute of Technology, Ames and Amherst Streets	6-inch on new supply
Massachusetts Institute of Technology, 75 Massachusetts Avenue	8-inch on new supply
Massachusetts Institute of Technology, Vassar Street	8-inch on new supply
McGoldrick, H. E., 339 Franklin Street	3-inch on new supply

* Off.

† Supplied and covered by meter in Enterprise Moakler Company.

Morey & Company, Commercial Avenue (premises)	6-inch on new supply
The Murray Printing Co., Wadsworth Street	6-inch on new supply
National Casket Company, First Street	6-inch on new supply
New England Tel. & Tel. Co., 51 Inman Street	3-inch on new supply
Page & Shaw, 18-20 Ames Street (premises)	6-inch on old supply
Penn Metal Company, Concord Avenue	6-inch on new supply
Promboin & Son, L., 449 Windsor Street (premises)	6-inch on new supply
Radcliffe College, 8 Garden Street	6-inch on new supply
Reardon & Sons' Corporation, John, Waverly Street	8-inch on new supply
Revere Sugar Refinery, 71 Ninth Street	6-inch on new supply
Riverside Boiler Works, 493 Main Street (premises)	6-inch on new supply
Russell & Company, Norfolk Street	6-inch on new supply
Shapiro, J., 620 Memorial Drive	6-inch on new supply
Squirrel Brand Nut Company, 10-12 Boardman Street	4-inch on new supply
Standard Oil Company, 265 Sixth Street	6-inch on old supply
Standard Oil Co., Fifth and Potter Streets (premises) (garage)	3-inch on new supply
Sterling Knit Goods Company, Stiles Street	6-inch on old supply
Sugarman Brothers, 541 Windsor Street	6-inch on new supply
United Car Fastener Company, 31 Ames Street	6-inch on new supply
United Car Fastener Company, Amherst Street	6-inch on new supply
University Press, Nutting Road	6-inch on old supply
University Press, University Road	6-inch on new supply
Ward Baking Company, Albany Street	6-inch on old supply
Wheelock Lovejoy Company, Sidney Street	6-inch on new supply
Whiting Milk Company, Albany Street	6-inch on new supply

DRINKING FOUNTAINS

The total number of drinking fountains is twenty-three (23).

Broadway at Norfolk Street ("Jones" bubble)
 Fresh Pond Driveway ("Jenks" bubble)
 Granite Street Playground ("Eastern" bubble)
 Huron Avenue at Cushing Street Playground ("Jenks" bubble)
 Huron Avenue at Cushing Street Playground ("Jenks" bubble)
 Inman Square ("Jenks" bubble)
 McNamee Square ("Jones" bubble)
 Memorial Drive, east side, opposite Massachusetts Institute of Technology
 ("Jenks" bubble)
 Montague Street, Russell Hoyt Field ("Jenks" bubble)
 Mount Auburn Street in Parkway ("Jones" bubble)
 Mount Auburn Street opposite Coolidge Avenue ("Jenks" bubble)
 Tech Street ("Jenks" bubble)
 Western Avenue, Neill Playground ("Jenks" bubble)
 Windsor Street at Broadway ("Jenks" bubble)
 Cambridge Field
 Cambridge Street at Third Street
 Central Square
 Harvard Square
 Kendall Square
 Massachusetts Avenue at Blake Street
 Massachusetts Avenue at Cameron Avenue
 Putnam Square
 Rindge Field

STONY BROOK OVERFLOW

	Gallons	Days	Rainfall
1933			
January	153,488,000	31	2.26
February	383,050,000	28	4.00
March	1,780,367,000	31	6.37
April	2,027,140,000	31	6.20
May	112,215,000	16	1.54
June . . . . .	.....	..	2.66
July . . . . .	.....	..	2.44
August . . . . .	.....	..	2.88
September	273,733,000	11	11.31
October . . . . .	.....	..	3.27
November	69,425,000	11	.96
December . . . . .	.....	..	3.95
Total overflow	4,799,418,000		
Number of days in which water overflowed		159	
Total rainfall			47.84

STONY BROOK OVERFLOW, ETC., FOR THE PAST FORTY-SIX YEARS

	Gallons	No. of Days	Rainfall
1888.....	6,000,000,000	...	.....
1889.....	8,000,000,000	...	.....
1890.....	8,700,000,000	...	.....
1891.....	8,247,800,000	...	45.25
1892.....	3,688,900,000	...	39.82
1893.....	4,427,400,000	...	39.50
1894.....	2,853,000,000	...	35.79
1895.....	5,281,900,000	224	50.52
1896.....	5,704,700,000	224	50.52
1897.....	3,999,700,000	256	43.35
1898.....	5,704,600,000	260	54.03
1899.....	6,969,500,000	175	43.96
1900.....	4,447,100,000	145	51.34
1901.....	6,141,300,000	157	46.77
1902.....	6,359,100,000	182	44.58
1903.....	6,437,500,000	222	45.97
1904.....	5,726,399,000	171	41.18
1905.....	3,148,900,000	140	38.40
1906.....	3,510,700,000	170	39.16
1907.....	2,415,900,000	147	42.32
*1908.....	3,384,300,000	184	48.23
†1909 for 4 months.....	960,800,000	50	
†1910.....	2,531,500,000	137	37.83
†1911.....	57,200,000	22	31.78
†1912.....	1,395,200,000	69	42.63
†1913.....	2,571,200,000	132	41.22
†1914.....	3,022,800,000	99	42.13
†1915.....	3,477,200,000	111	34.44
†1916.....	2,581,900,000	136	41.90
†1917.....	4,091,800,000	141	37.11
†1918.....	2,386,100,000	136	38.69
†1919.....	2,186,400,000	111	41.24
†1920.....	5,502,900,000	173	51.33
†1921.....	5,727,600,000	217	40.52
†1922.....	3,351,100,000	135	44.11
†1923.....	2,981,000,000	125	50.74
†1924.....	1,936,700,000	145	37.09
†1925.....	2,941,900,000	113	43.27
†1926.....	1,782,900,000	82	44.27
†1927.....	1,834,524,000	82	39.63
†1928.....	2,118,753,000	199	46.98
†1929.....	2,471,275,000	180	46.28
†1930.....	1,894,741,000	79	36.50
†1931.....	984,313,000	53	40.82
§1931 for 9 months.....	943,665,000	79	32.20
¶1932.....	2,084,276,000	181	47.31
¶1933.....	4,799,418,000	159	47.84

Since 1921, the decrease in the gallons overflow has been due to the raising of the elevation of the crests of the Stony and Hobbs Brooks waterways two feet, which provided for an additional storage for 48,000,000 gallons of water in Stony Brook and 489,000,000 gallons in Hobbs Brook that usually wasted into Charles River.

*Previous to 1908—Fiscal year ended November 30.

†Overflow from December 1, 1908, to March 31, 1909.

‡Fiscal year ended March 31.

§Fiscal year changed to December 31, 1931.

¶January 1 to December 31.

HOBBS BROOK RESERVOIRS										STONY BROOK RESERVOIR				
Lincoln Street, Basin No. 1					Winter Street, Basin No. 2					Date		Elevations		Total Monthly Rainfall
Date	Highest Elevation During Month	Lowest Elevation During Month	Total Monthly Rainfall	Date	Highest Elevation During Month	Lowest Elevation During Month	Total Monthly Rainfall	Date	Highest Elevation During Month	Lowest Elevation During Month	Total Monthly Rainfall	Highest Elevation During Month	Lowest Elevation During Month	Total Monthly Rainfall
1933				1933				1933						
January 9.....		183.45		January 9.....		183.45		January 9.....						
January 24.....	183.57	183.41	2.22	January 24.....	183.57	183.41	2.22	January 24.....	83.35	83.05	2.26			
February 3.....				February 3.....				February 1.....						
February 27.....	183.55	183.55	3.75	February 27.....	183.55	183.55	3.75	February 8.....	83.49	83.08	4.00			
March 1.....		183.55		March 1.....		183.55		March 1.....						
March 9.....	183.85	183.54	6.80	March 9.....	183.85	183.54	6.80	March 9.....	84.36	83.35	6.37			
April 30.....				April 30.....				April 30.....						
April 19.....	183.85	183.54	6.04	April 19.....	183.85	183.54	6.04	April 19.....	84.61	83.50	6.20			
April 30.....		183.33		May 30.....		183.33		May 31.....						
May 1.....	183.53	183.33	2.01	May 1.....	183.53	183.33	2.01	May 31.....	83.46	81.81	1.54			
May 30.....				May 30.....				May 30.....						
June 1.....	183.38	183.05	1.36	June 30.....	183.38	183.05	1.36	June 30.....	82.57	75.00	2.66			
June 1.....		181.16		June 1.....		181.16		June 12.....	78.25	75.14	2.44			
July 31.....				July 31.....				July 1.....						
July 1.....	183.04	178.85	2.59	July 1.....	183.04	178.85	2.59	July 31.....	81.82	77.93	11.31			
August 31.....				August 31.....				July 31.....	84.36	81.37	3.27			
August 1.....	181.16	178.84	3.02	August 1.....	181.16	178.84	3.02	August 7.....	82.96	80.40	0.96			
August 1.....				August 1.....				August 14.....	83.29	76.02	3.95			
September 1.....	180.91	180.93	10.26	September 1.....	180.91	180.93	10.26	September 3.....	80.16		47.84			
September 30.....				September 30.....				September 18.....						
October 1.....	181.62	181.63	3.47	October 1.....	181.62	181.63	3.47	September 18.....						
October 31.....				October 31.....				October 24.....						
November 1.....	181.84	181.84	0.83	October 31.....	181.84	181.84	0.83	October 14.....						
November 30.....				November 1.....				October 14.....						
December 1.....	182.41	181.84	3.24	November 30.....	182.41	181.84	3.24	November 30.....						
December 31.....				December 1.....				November 15.....						
			45.59	December 31.....				December 20.....						
								December 1.....						

FINANCIAL STATEMENT OF WATER DEPARTMENT

January 1, 1933 to December 31, 1933

EXPENDED

General Maintenance Account

A. Personal Service

Labor.....	\$97,641 05	
Superintendent.....	5,000 00	
Clerks.....	14,556 00	
Inspectors.....	22,920 00	
	<hr/>	\$140,117 05

B. Service Other Than Personal

1. Printing and binding.....	\$171 42	
2. Postage.....	1,235 54	
4. Transportation of persons.....	642 08	
5. Cartage and freight.....	75 76	
8. Light and power.....	217 86	
9. Lighting streets, alleys, etc.....	38 25	
10. Rent, taxes, water.....	2,933 76	
13. Communication.....	519 19	
14. Motor vehicles, repairs and care.....	462 92	
18. Cleaning.....	3 49	
22. Medical.....	101 50	
35. Fees, services of venires, etc.....	21 00	
37. Photographic and blueprinting.....	5 78	
39. Service not otherwise coded.....	272 15	
	<hr/>	6,700 70

C. Equipment

9. Office.....	\$40 60	
13. Tools and instruments.....	867 39	
16. Wearing apparel.....	33 51	
17. Equipment not otherwise coded.....	308 84	
	<hr/>	1,250 34

D. Supplies

1. Office.....	\$1,759 25	
2. Food and ice.....	25 75	
3. Fuel.....	256 80	
5. Medical, surgical, laboratory.....	4 55	
8. Laundry, cleaning, toilet.....	27 50	
11. Motor vehicles.....	2,379 56	
13. Chemicals and disinfectants.....	128 18	
16. Supplies not otherwise coded.....	1,021 75	
	<hr/>	5,603 34

E. Materials

6. Water.....	\$14,125 41	
13. Materials not otherwise coded.....	386 21	
	<hr/>	14,511 62

F. Special Items		
7. Pensions.....	\$16,174 38	
7. Retirement pensions.....	2,381 08	
11. Workingmen's compensation.....	560 78	
12. Repairing pavements.....	1,422 78	
	<hr/>	\$20,539 02
G. Incidental Expenditures for Contingencies Other than Personal		
2. Leakage.....	\$19 20	19 20
		<hr/>
Total General Maintenance.....		\$188,741 27

Pumping Account

A. Personal Service		
1. Permanent employees.....	\$26,566 88	
2. Temporary employees.....	497 04	
	<hr/>	\$27,063 92
B. Service Other Than Personal		
2. Postage.....	\$1 41	
4. Transportation of persons.....	70	
5. Cartage and freight.....	8 68	
8. Light and power.....	675 65	
11. Insurance.....	93 17	
13. Communication.....	61 83	
39. Service not otherwise coded.....	568 49	
	<hr/>	1,409 93
C. Equipment		
13. Tools and instruments.....	\$106 47	106 47
D. Supplies		
1. Office.....	\$3 67	
2. Food and ice.....	28 57	
3. Fuel.....	11,665 49	
5. Medical, surgical, laboratory.....	1 16	
8. Laundry, cleaning, toilet.....	32 35	
13. Chemicals and disinfectants.....	58 12	
16. Supplies not otherwise coded.....	1,920 10	
	<hr/>	13,709 46
E. Materials		
13. Materials not otherwise coded.....	\$1,192 13	1,192 13
F. Special Items		
1. Repairs on Worthington pump.....	\$5,654 31	
Two new boilers.....	1,750 05	
	<hr/>	7,404 36
Total Pumping.....		<hr/>
		\$50,886 27

Reservoirs Account

A. Personal Service		
1. Permanent employees.....	\$39,197 50	\$39,197 50
B. Service Other Than Personal		
3. Advertising and posting.....	3 00	
4. Transportation of persons.....	100 00	
6. Hire of teams and trucks.....	50 00	
8. Light and power.....	10 58	
9. Lighting streets, alleys, parks.....	4 74	
10. Rent, taxes, water.....	28 80	
13. Communication.....	158 77	
18. Cleaning.....	3,430 00	
23. Veterinary.....	6 00	
39. Service not otherwise coded.....	22 43	
41. Horseshoeing and clipping.....	227 50	
	<hr/>	4,041 82
C. Equipment		
13. Tools and instruments.....	\$76 66	76 66
D. Supplies		
3. Fuel.....	\$76 61	
4. Forage and animal.....	177 92	
8. Laundry, cleaning.....	35	
16. Supplies not otherwise coded.....	195 02	
	<hr/>	449 90
E. Materials		
13. Materials, etc., not otherwise coded.....	\$388 90	388 90
Total Reservoirs.....		<hr/> \$44,154 78

Filtration

A. Personal Service		
1. Permanent employees.....	\$22,020 50	\$22,020 50
B. Service Other Than Personal		
2. Postage.....	\$1 02	
5. Cartage and freight.....	1 68	
8. Light and power.....	8,172 41	
13. Communication.....	51 72	
39. Service not otherwise coded.....	214 06	
	<hr/>	8,440 89
C. Equipment		
13. Tools and instruments.....	\$46 87	
17. Equipment not otherwise coded.....	52 75	
	<hr/>	99 62

D. Supplies

1. Office	\$77 08	
3. Fuel	968 42	
5. Medical, surgical, laboratory	109 21	
13. Chemicals and disinfectants	14,699 42	
16. Supplies not otherwise coded	1,105 73	
	<hr/>	\$16,959 86

E. Materials

13. Materials not otherwise coded	\$451 11	451 11
		<hr/>
Total Filtration		\$47,971 98

EXPENDED

JANUARY 1, 1933 TO DECEMBER 31, 1933

	Maintenance Account General	Maintenance Account Pumping	Maintenance Account Reservoirs	Maintenance Account Filtration
A.....	\$140,117 05	\$27,063 92	\$39,197 50	\$22,020 50
B.....	6,700 70	1,409 93	4,041 82	8,440 89
C.....	1,250 34	106 47	76 66	99 62
D.....	5,603 34	13,709 46	449 90	16,959 86
E.....	14,511 62	1,192 13	388 90	451 11
F.....	18,157 94	7,404 36		
G.....	19 20			
Serial loans.....	56,000 00			
Interest.....	51,007 50			
Retirement system.	2,381 08			
	<hr/>	<hr/>	<hr/>	<hr/>
	\$295,748 77	\$50,886. 27	\$44,154 78	\$47,971 98

Total Expenditures

Maintenance, General Account.....	\$295,748 77	
Maintenance, Pumping.....	50,886 27	
Maintenance, Reservoirs.....	44,154 78	
Maintenance, Filtration.....	47,971 98	
	<hr/>	
Total.....		\$438,761 80

Deduct

Interest.....	\$51,007 50	
Serial loans.....	56,000 00	
Received from new supplies, renewals, and cleaning supplies.....	6,686 26	
	<hr/>	
		113,693 76
Leaving for operating expenses.....		<hr/>
		\$325,068 04

Cost per million gallons

Based on general expenses (\$295,748.77).....	\$70 16
Based on pumping expenses (\$50,886.27).....	12 07
Based on filtration expenses (\$47,971.98).....	11 30
Based on operating expenses (\$325,068.04).....	77 11
Based on total expenses (\$438,761.80).....	104 09

The Water Department has complied with the request of the City Council to purchase materials from firms displaying the "Blue Eagle."

Referring to the report of the Board of National Fire Underwriters, a thorough survey of all gates and hydrants has been made. It is understood and agreed that this inspection will be made annually, and the Board of National Fire Underwriters have been so informed.

In December, 1932, the employees of the Water Department again responded to the request of Mayor Russell, and pledged for the year 1933 ten per cent of their earnings for his Emergency Fund which cares for the city's unemployed. This pledge was made and kept by the employees, one hundred per cent.

The Water Department records, with regret, the sudden death of Inspector Jeremiah J. Reagan, who passed away in July, 1933. He had been employed since 1904 and rendered valued service to the Water Department.

The Water Board has employed, through the Civil Service Commission, Mr. Robert A. Hughes as Inspector, who will fill the vacancy caused by Mr. Reagan's death.

During 1933, three of our old employees, who had been pensioned, have passed away: John Falvey, pensioned in 1932, died in September, 1933; John Malone, pensioned in 1932, died in June, 1933; Jeremiah E. Sullivan, pensioned in 1931, died in October, 1933.

In 1933, three of our employees were pensioned: Napoleon Welcome, in January, 1933; James McGillicuddy, in April, 1933; Michael J. Sullivan, in December, 1933.

Respectfully submitted,

TIMOTHY W. GOOD,
*General Superintendent of the
Cambridge Water Works.*

CITY OF CAMBRIDGE

MASSACHUSETTS

ANNUAL REPORT

OF THE

BOARD OF HEALTH

For the Year Ending December 31, 1933



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

ORGANIZATION OF HEALTH DEPARTMENT

BOARD OF HEALTH

JOSEPH M. WADDEN, M.D., *Chairman*
PROF. ELIE H. LAPIERRE DAVID J. NELLIGAN

Agent and Clerk
JOHN D. CROWLEY

Medical Inspector
SIMON B. KELLEHER, M.D.

Office
MARGARET G. FITZGERALD CATHERINE J. DONOVAN
CATHARINE H. MURPHY

Social Worker
C. ISABEL TORNEY

Bacteriologist and Inspector of Milk
ROBERT E. BEMIS, Ph.C.

Collector of Cultures
WARREN G. MURPHY*

Collector of Samples
THOMAS J. COLLINS

Inspectors of Food and Provisions
JOSEPH L. JOHNSON
JOSEPH P. MURPHY

Inspectors of Slaughtering
DAVID L. BOLGER, D.V.S.
JOSEPH L. JOHNSON
JOSEPH P. MURPHY

Housing and Plumbing Inspector
AUGUSTIN M. JOHNSON

Sanitary Inspectors
FRANCIS H. NUGENT PATRICK J. MURPHY*
MICHAEL T. WALSH THOMAS F. PHELAN
EUGENE P. CALLAHAN

School Physicians
WILLIAM H. CLANCY, M.D. JOHN F. FAIR, M.D.
SAMUEL E. CHALFEN, M.D. GEORGE A. WHITE, M.D.
MORRIS L. DRESSLER, M.D. FRANCIS J. BARNES, M.D.
MYER MARLIN, M.D. JOSEPH M. WADDEN, M.D.
CHARLES M. HUTCHINSON, M.D. JOHN J. MURPHY, M.D.
JOHN P. NELLIGAN, M.D. FRANCIS T. DOWNEY, M.D.
SUMNER C. ANDREWS, M.D.

* Died.

School Nurses

MARY C. CHURCH, R.N., <i>Chief</i>	CATHERINE M. BURKE, R.N.
BEATRICE E. HAYDEN, R.N.	MARY C. O'NEILL, R.N.
ELIZABETH HAYDEN, R.N.	MARGARET McINERNEY, R.N.
MARY G. WELCH, R.N.*	ELIZABETH SULLIVAN, R.N.
ANNA M. DUNDON, R.N.	ANNA SHEEHAN, R.N.
LENORE MULQUEENY, R.N.	

DENTAL CLINICS

Dentists

EMILY M. LUCK, D.M.D.
 MATTHEW F. SHEA, D.M.D.
 WALTER L. CRONIN, D.M.D.
 WILLIAM H. MORAN, D.M.D.
 GEORGE A. WHITE, D.M.D.
 JOHN L. McCARTHY, D.M.D.
 JULIAN B. DOHERTY, D.M.D.
 HERBERT L. SMOLAR, D.M.D.
 EDWARD ROSENBERG, D.M.D.

Assistants

HELEN ROACH
 GERTRUDE DuBOIS
 ALICE S. LOGAN
 AGNES McCORMICK
 GRACE F. MANSFIELD
 JOSEPHINE P. ALPHEN-
 MOONEY
 KATHLEEN CASSIDY

DIPHTHERIA IMMUNIZATION CLINICS

GEORGE A. WHITE, M.D.	KATHERINE McGRATH, R.N.
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BABY CLINICS

Physicians†

SAMUEL E. CHALFEN, M.D.	A. WEIDMAN, M.D.
SAMUEL A. CLEMENT, M.D.	MAURICE S. DUCHIN, M.D.
MYER MARLIN, M.D.	EUGENE GORMAN, M.D.
ALBERT POIRIER, M.D.	HARRY V. BYRNE, M.D.

Nurses

BRIDGET A. HEANUE, R.N.	JENNIE T. MALONE, R.N.
MARY A. MacDONALD, R.N.	AGNES C. TOOLE, R.N.

COMMUNICABLE DISEASE NURSES

ANNA B. DRISCOLL, R.N.‡	MARY A. KENNEY, R.N.
RUTH M. BRANSCOMBE, R.N.	

TUBERCULOSIS DISPENSARY

(1481 Cambridge Street)

PATRICK J. FLEMING, M.D., <i>Physician</i>	
HELEN C. CUMMINGS, R.N.	MARGARET N. H. McGRATH, R.N.

TUBERCULOSIS HOSPITAL

(799 Concord Avenue)

SIMON B. KELLEHER, M.D., *Superintendent*
 FELIX F. McGIRR, M.D., *Physician*
 MARGARET H. CONLON, R.N., *Matron*

* Retired. † Gratis. ‡ Resigned.

REPORT OF THE BOARD OF HEALTH

Cambridge, January 31, 1934.

To the Honorable City Council:

We have the honor to submit herewith the fifty-seventh annual report of the Board of Health of the City of Cambridge. This report is for the year ending December 31, 1933. The personnel of the Department, receipts and disbursements, and summaries of divisional reports, including statistics, are shown in detail. During the year the Board of Health held thirty-nine meetings, at twelve of which public hearings were given.

We regret to report that during the year the Department lost the services of the following personnel: Patrick J. Murphy, Sanitary Inspector, who was retired on pension March 11, 1933, after having served the Department continuously since April 23, 1918, and who died August 1, 1933; Anna B. Driscoll, R.N., Public Health Nurse, who resigned August 12, 1933, after having served continuously since May 15, 1918; Mary G. Welch, R.N., who was retired on pension November 23, 1934, by reason of physical disability, after having served continuously since September 11, 1922. The retirement of Inspector Murphy reduced the number of sanitary inspectors inasmuch as he has not been replaced. The nurse positions of the Misses Driscoll and Welch were filled temporarily pending certification of eligibles by the Civil Service Commission, and subsequently pending the study and report of health activities in this city by the Harvard School of Public Health.

During the period of the depression through which we have been passing for four years, the Public Health has held up remarkably well under the circumstances, showing the effectiveness of the fundamentally sound health organization. It can be relied upon during such periods of stress providing appropriations and personnel are not curtailed. Experience has shown that undue retrenchment in Health work is certain to reflect in the impairment of the Public Health generally and the cost of impaired health to a community is realized better now. Especial attention and care must be given the health and welfare of our growing

children. While undernourishment and underprivilege of children are not likely to show immediately, the effects are bound to show, and usually when it is too late to remedy either the cause or the effect. The effects of this depression should not be permitted to extend into the next generation.

The following summary of vital statistics for the past year is worthy of consideration: During 1933 we had 1,406 deaths, making a general death rate of 12.23 per 1,000 population, as compared to 12.09 in 1932, and 11.93 in 1931. The death rate of Cambridge residents only (including our residents who died outside our city) was 11.70 in 1933 as compared with 11.30 in 1932 and 11.04 in 1931. The birth rate for 1933 was 19.78 per 1,000 population, as compared with 21.04 in 1932 and 22.07 in 1931.

The infant mortality rate for 1933 was 46.2 per 1,000 live births, due to 105 deaths of infants under one year of age (excluding stillbirths — 84). The rate in 1932 was 56 with 141 deaths and 71 stillbirths, while in 1931 the rate was 52 with 129 deaths and 80 stillbirths. Our infant mortality rate in 1933 was the lowest in the history of our city with the possible exception of 1924, but the rate in that year was computed on a different basis than in recent years, as explained later in this report. A better appreciation of the progress being made in lessening infant mortality can be gained when one realizes that in 1900 the infant mortality rate was 123 per 1,000 live births in comparison with 46.2 in 1933.

The major causes of death in 1933 were as follows: heart, 226; cancer, 172; arteriosclerosis, 153; pneumonia, 151; cerebral hemorrhage, 126; chronic nephritis, 56; pulmonary tuberculosis, 51. It will be noted that heart disease leads the causes with cancer continuing in second place, and arteriosclerosis, cerebral hemorrhage, and the pneumonias following; pulmonary tuberculosis has dropped to seventh place, there having been fewer deaths from this disease than from chronic nephritis. Pulmonary tuberculosis of Cambridge residents again reached its lowest rate in the history of the city. These seven leading causes total 935 deaths, or 67 per cent of all deaths in 1933. Thirty-three per cent of all deaths were of persons seventy years of age as compared with 28.5 per cent in 1932 and 29.7 per cent in 1931.

The total number of cases of communicable disease reported

or detected was less than last year with a decrease in scarlet fever, diphtheria, measles, whooping cough, and pneumonia. There was a marked increase in mumps and some increase in chicken pox and German measles. There were only 50 cases of diphtheria in comparison to 67 in 1932, notwithstanding the available facilities and service for immunization against this disease. Tuberculosis showed a decrease to 124 cases compared with 143 in 1932. There was one case of infantile paralysis reported and three cases of typhoid fever. One case of trichinosis, one of pellagra, and one of bacillary dysentery.

There was an average of 85 patients per day at our Tuberculosis Hospital with a total of 31,041 patient days at a total operating cost of \$59,710.60, or \$1.92 per patient per day as compared with 82 patients per day at a per capita cost of \$2.03 in 1932 and 59 patients per day at \$3.04 in 1927. Our revenue for the care of persons at the Tuberculosis Hospital in 1933 was \$15,415.38, state subsidy having been discontinued because the hospital does not now meet the minimum requirements of the State Department of Public Health.

Our budget again recommends appropriation for bringing the standard of the hospital within the requirements of the state. If granted, this should result in a resumption of state subsidy which would have amounted to approximately \$11,000 in 1933 on a capital expenditure of about \$23,000 (including Superintendent's residence) and additional current expenditure of about \$7,500. The budget requests further an appropriation for repairing and renovating the entire hospital so as to bring it up to the standard of a first-class Tuberculosis Sanatorium. While these repairs and renovations are estimated at \$50,000 with a possibility of another \$50,000 to replace the present wood and stucco annex (with a modern service building structure), even this total expenditure would pay for itself in five (5) years when one considers the current cost of hospitalizing our Cambridge tuberculous in the Middlesex County Sanatorium. After long and careful study, we are of the opinion the interests of Cambridge will be served best by bringing our own sanatorium up to first-class standard and maintaining it at such standard in preference to becoming a part of the County Tuberculosis District. Several studies, or surveys, of our Health Department activities have been made during the past few years, resulting in many recom-

mendations which we have not been able to carry out because of lack of funds. It is hoped that many of these recommendations can be put into effect in the not too far distant future.

Our Department continues its active coöperation with the State Department of Public Health in its Ten-Year Childhood Tuberculosis Prevention program. Inasmuch as the state's active participation in this program ends in June, 1934, it has been voted to include all the details of this very important preventive service in our local School Medical Inspection program, with such supplementary service as the state may continue to give, beginning with the opening of schools in September, 1934. This program provides for a special examination for the children in the seventh, ninth, and eleventh grades.

Special observation is being maintained so far as possible by the personnel of this Department, of all families, especially children, affected by unemployment, and consequent restriction of funds available for adequate nourishment, and in all cases indicating need of special attention the matter is taken up with the relief giving agencies, whether it be public or private.

Our budget requests again that financial provision be made for the appointment of a full-time health officer, with training and experience in Public Health science, who shall give his time exclusively to his public health work. We urge again that a properly qualified director of health education be provided in the School Department and that the Infant Welfare clinic physicians be compensated.

The Board of Health takes advantage of this opportunity to express its appreciation of the coöperation and assistance given during the year by the several city officials, the official and unofficial health and welfare agencies, the personnel of the Health Department and all others who have contributed in maintaining the high standard of public health in our city.

JOSEPH M. WADDEN, M.D.
ELIE H. LaPIERRE,
DAVID J. NELLIGAN.

EXPENDITURES

EXPENDED FOR SALARIES

January 1–December 31, 1933

Medical Inspector	\$3,471 65	
Clerk	3,450 00	
Social Worker	1,830 16	
Stenographers and Clerks (3)	4,472 00	
Inspectors of Provisions (2)	5,300 00	
Sanitary Inspectors (5)*	8,745 01	
Plumbing and Housing Inspector	2,700 00	
School Nurses (10)	15,934 04	
School Physicians (13)	9,288 80	
Infant Welfare Nurses (4)	6,800 00	
Contagious Disease Nurses (2)	3,088 49	
Inspector of Slaughtering	2,080 00	
Dispensary Physician	800 00	
Dispensary Nurses, Tuberculosis (2)	3,381 47	
Physician — Schick Clinics	1,500 00	
Clinic Nurse (Schick)	1,700 00	
		<hr/>
		\$74,541 62

EXPENDED FOR GENERAL EXPENSES

January 1–December 31, 1933

(A) Board and Care:		
Diphtheria	\$2,121 00	
Scarlet Fever	16,927 50	
Scarlet Fever and Chicken Pox	84 00	
Tuberculosis	262 00	
Whooping Cough	96 00	
Suppurative Conjunctivitis	63 42	
Chicken Pox	36 00	
Anti-Rabic Treatment	281 64	
Anterior Poliomyelitis	375 50	
		<hr/>
		\$20,247 06
(B) Reimbursement of other cities and towns and of the Commonwealth:		
Diphtheria	\$159 00	
Scarlet Fever	728 00	
Tuberculosis	6,470 96	
Chicken Pox	53 00	
Measles	112 50	
Lobar Pneumonia	60 00	
		<hr/>
		\$7,583 46
Printing and binding	\$108 75	
Postage	307 93	
Transportation of persons	900 00	
Rent, water and taxes	3 00	
Communication (telephone)	159 65	
Motor vehicle repairs and care	87 96	
Care of persons (See A and B)	27,830 52	
Motor vehicle supplies	348 41	
Fees, services of venires, etc.	6 00	
General (miscellaneous)	29 55	
Office supplies	441 73	

*One retired during year; no replacement yet.

Ice (laboratory)	\$56 20	
Schick Clinic supplies	104 88	
School Inspection supplies	163 70	
Infant Welfare supplies	60 95	
Tuberculosis Dispensary	9 40	
Cartage and freight	29 25	
Office equipment	29 00	
	<hr/>	\$30,676 88

EXPENDED FOR TUBERCULOSIS HOSPITAL

January 1–December 31, 1933

Salaries:

Physician	\$1,600 00	
Interne	598 00	
Matron	1,700 00	
Supervisor of Nurses	1,200 00	
Nurses (9)	7,069 50	
Cook	1,040 00	
Assistant Cooks (2)	1,300 00	
Dishwashers (3)	1,638 00	
Laundress	637 50	
Launderer	728 00	
Maids (2)	1,300 00	
Scrubwoman	650 00	
Scrubman	650 00	
Engineer	2,418 00	
Firemen (4)	7,518 40	
Caretaker	780 00	
Assistant Caretakers (Choreman) (2)	1,550 00	
	<hr/>	\$32,377 40
Vacation substitutes		489 00

Postage	\$21 28	
Cartage and freight	23 41	
Light and power	172 12	
Communication (telephone)	122 83	
General Plant (repairs, etc.)	1,212 32	
Office supplies	7 93	
Food and ice	17,663 16	
Fuel	4,438 76	
Medical, surgical, laboratory supplies	1,558 82	
Laundry, cleaning, toilet supplies	499 33	
Chemicals and disinfections	26 00	
Engine and fireroom supplies	300 35	
Bedding, linen, etc.	758 69	
Agricultural and gardening supplies	106 25	
Furniture and fittings	141 65	
Medical care	10 00	
Sanitary equipment	155 80	
Advertising and posting	16 30	
Fees, services of venires, etc.	10 00	
	<hr/>	\$27,245 00

EXPENDED FOR LABORATORY

January 1–December 31, 1933

Salaries:

Technician.....	\$3,000 00	
Collector of Samples.....	2,350 00	
Collector of Cultures.....	360 00	
	<hr/>	\$5,710 00
Substitute Bacteriologist (Vacation).....		35 00

Postage.....	\$27 22	
Motor vehicle repairs and care.....	15 75	
Fees, services of venires, etc.....	4 50	
Medical, surgical and laboratory.....	154 96	
Office supplies.....	66 43	
Motor vehicles.....	81 87	
General plant, service, and supplies.....	1 54	
	<hr/>	\$352 27

EXPENDED FOR DENTAL CLINICS

January–December 31, 1933

Salaries:

Dentists.....	\$11,800 00	
Assistants.....	3,122 00	
	<hr/>	\$14,922 00

Office supplies.....	\$58 00	
Dental supplies.....	732 90	
	<hr/>	\$790 90

BOARD OF HEALTH RECEIPTS

January 1 — December 31, 1933

(Contagious Diseases — including all but Tuberculosis)

State.....	\$3,751 00	
Cities and towns.....	2,413 93	
Individuals.....	759 00	
Middlesex County Commissioners (dog bite).....	168 75	
	<hr/>	\$7,092 68

TUBERCULOSIS

State.....	\$10,195 50	
Cities and towns.....	3,425 68	
Individuals.....	1,794 20	
	<hr/>	\$15,415 38

LICENSES

Alcohol.....	\$128 00	
Barber shops.....	165 00	
Beauty parlors.....	114 00	
Manicuring and massage.....	178 00	
Beverages.....	60 00	
Ice cream manufacturers.....	23 00	
Vapor baths.....	5 00	
	<hr/>	\$673 00

Milk (dealers and stores).....	\$521 50	
Oleomargarine.....	9 50	
Pasteurization plants.....	30 00	
	<hr/>	\$561 00

Dental Clinics (registration fee).....		\$545 60
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VITAL STATISTICS

DEATH RATE PER 1,000 LIVING FOR ALL CAUSES
POPULATION 114,891 JULY 1, 1933

1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
12.82	11.88	12.15	11.26	11.83	11.19	11.86	11.93	12.09	12.23
12.07	11.90	11.95	11.04	11.43	10.89	11.20	11.04	11.30	11.70

The upper row gives the death rate of all deaths in Cambridge; that is, it includes the non-residents that died in the city, but excludes Cambridge residents who died outside the city. The lower row of rates includes Cambridge residents who died outside the city, and excludes non-residents who died in Cambridge.

The figures given for population are estimated by the method adopted by the Bureau of Census. The mean annual death rate for ten years, 1924 to 1933 inclusive, is 11.92. This includes non-residents who died in the city. The mean annual death rate, excluding non-residents, but including Cambridge residents who died outside the city, is 11.45.

Table A gives causes of death by ages, in accordance with the International Classification of Causes of Deaths, of those persons who died in Cambridge, and includes non-residents.

Table B gives number of cases reported, the morbidity per 100,000 living, death rate per 100,000 living, including residents who died outside the city, and death rate per 100 cases reported of diphtheria, scarlet fever and typhoid fever for the years 1924 to 1933, inclusive. If death rates per 100,000 living, computed from deaths in the city only, vary from that given in the table, the fact is stated in footnote.

Table C gives the death rates per 100,000 living for cancer, diarrheal diseases, whooping cough, bronchitis, pneumonia, and tuberculosis, for the years 1924 to 1933, inclusive. In this table the upper part is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents in Cambridge are excluded. The lower number is derived from the actual number of deaths in the city and includes

non-residents but excludes Cambridge residents who died outside of Cambridge.

Table D gives the morbidity reports by weeks.

Table E gives the morbidity reports by month and by ward.

Table F gives morbidity distribution by diseases, sex, and age group.

Table G gives morbidity, population and area, by ward, for entire year

Table H gives mortality (all causes) by month and by ward.

Table I gives diphtheria morbidity, by months, for a decade.

TABLE A — Continued

CAUSES OF DEATH																																				
Under 1		1 to 2		2 to 3		3 to 4		4 to 5		Total Under 5		5 to 9		10 to 14		15 to 19		20 to 29		30 to 39		40 to 49		50 to 59		60 to 69		70 to 79		80 to 89		90 and Over		Total 5 and Over		Total
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
IX. Diseases of the Digestive System																																				
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations):																																				
(a) Diseases of the pharynx and tonsils.																																				
(b) Others under this title																																				
116. Diseases of the esophagus.																																				
117. Ulcer of the stomach and duodenum:																																				
(a) Ulcer of the stomach.																																				
(b) Ulcer of the duodenum.																																				
118. Other diseases of the stomach (cancer excepted)																																				
119. Diarrhea and enteritis (under 2 years of age)																																				
120. Diarrhea and enteritis (2 years and over)																																				
121. Appendicitis.																																				
122. Hernia, intestinal obstruction:																																				
(a) Hernia.																																				
(b) Intestinal obstruction																																				
123. Other diseases of the intestines.																																				
124. Cirrhosis of the liver:																																				
(a) Specified as alcoholic.																																				
(b) Not specified as alcoholic.																																				
125. Other diseases of the liver (including yellow atrophy of liver)																																				
(a) Yellow atrophy of liver.																																				
(b) Others under this title.																																				
126. Biliary calculi.																																				
127. Other diseases of the gall-bladder and biliary passages.																																				
128. Diseases of the pancreas.																																				
129. Peritonitis, cause not specified.																																				
X. Diseases of the Genitourinary System																																				
130. Acute nephritis (including unspecified under 10 years of age).																																				
131. Chronic nephritis																																				
132. Nephritis, unspecified (10 years and over).																																				
133. Other diseases of the kidneys and ureters (puerperal diseases excepted).																																				

TABLE A—Concluded

CAUSES OF DEATH	Under 1		1 to 2		2 to 3		3 to 4		4 to 5		Total Under 5		5 to 9		10 to 14		15 to 19		20 to 29		30 to 39		40 to 49		50 to 59		60 to 69		70 to 79		80 to 89		90 and Over		Total 5 and Over		Total	
	M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F		M F			
XVII. Violent and Accidental Deaths (Continued)																																						
180.	Conflagration.....																																					
181.	Accidental burns (conflagration excepted).....																																					
182.	Accidental mechanical suffocation.....		1																																			
183.	Accidental drowning.....																																					
184.	Accidental traumatism by firearms (wounds of war excepted).....																																					
185.	Accidental traumatism by cutting or piercing instruments (wounds of war excepted).....																																					
186.	Accidental traumatism by fall, crushing, landslide:																																					
	(a) Accidental traumatism by fall.....																																					
	(b) Accidental traumatism by crushing, landslide.....																																					
187.	Cataclysm (all deaths attributed to a cataclysm, regardless of their nature).....																																					
188.	Injuries by animals.....																																					
189.	Hunger and thirst.....																																					
190.	Excessive cold.....																																					
191.	Excessive heat.....																																					
192.	Lightning.....																																					
193.	Accidents due to electric currents.....																																					
194.	Other accidents:																																					
	(a) Foreign bodies.....																																					
	(b) Others under this title.....																																					
195.	Violent deaths of which the nature (accident, suicide, homicide) is unknown.....																																					
196.	Wounds of war.....																																					
197.	Execution of civilians by belligerent armies.....																																					
198.	Legal executions.....																																					
XVIII. Ill-defined Causes of Death																																						
199.	Sudden death.....																																					
200.	Cause of death not specified or ill-defined:																																					
	(a) Ill-defined.....																																					
	(b) Not specified or unknown.....																																					

Total Cambridge deaths outside city.....256

Non-residents died in Cambridge (exclusive of stillbirths)..... 325

TABLE B

	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Diphtheria										
	236	168	51	151	246	141	90	53	69	50
	210	139	41.8	122	196	110	79.1	43.8	60.2	43.5
	16.9	14.1	2.4	4.85	21.45	3.93	4.39	4.38	3.44	1.74
	8.05	10.12	5.87	3.90	10.97	3.54	5.55	9.44	5.79	4.00
Scarlet Fever										
	556	220	330	482	278	178	429	514	505	344
	490	183	273	389	221	140	385	452	441	299
	0.6	0.4	3.3	3.21	2.39	0.00	0.00	1.75	3.44	1.74
	1.25	2.27	1.21	0.829	1.07	0.00	0.00	3.87	.790	.057
Measles										
	764	1,381	721	504	2,085	501	1,414	408	407	623
	689.2	1,149	596	407	166	291	1,244	361	355	542
	0.2	9.9	2.4	3.21	8.78	7.82	5.28	.876	1.76	1.74
	0.392	1.01	0.416	0.793	.527	.198	.425	.002	.049	.032
Typhoid Fever										
	16	16	17	7	4	11	7	6	4	6
	14.2	13.3	13.9	5.66	3.18	8.65	6.15	5.25	3.49	5.22
	4.5	1.6	4.9	0.8	1.58	1.57	.879	0.00	1.76	2.61
	33.3	12.50	35.29	14.28	50	18.18	14.28	0.00	50	22.22

The death rate, per 100,000, for those dying in Cambridge in 1933 was, for diphtheria, 1.74; scarlet fever, .870.

TABLE C
(per 100,000)

	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Cancer.....	123.0 149.0	107.0 124.0	109.9 130.0	112.0 131.0	106.0 122.0	111.0 114.0	134.5 158.2	120.9 138.4	135.36 153.0	130.5 149.70
Diarrheal Diseases.....	8.9 8.9	12.4 13.3	21.3 16.3	9.7 7.2	11.16 9.17	9.43 9.43	7.92 6.15	1.75 4.38	000 .009	1.74 .87
Whooping Cough.....	0.1 0.7	4.9 4.9	16.3 13.9	4.0 3.2	6.38 5.58	6.29 6.29	7.03 3.51	3.50 3.50	5.23 4.36	1.74 .87
Heart Diseases.....	208.1	159.8	177.1	142.4	185.0	156.5	162.6	227.8	238	198.4
Pneumonia.....	109.0 109.0	153.0 153.0	128.0 137.0	127.0 121.0	149.0 139.0	153.0 148.0	145.0 129.3	114.7 116.5	126 130	131.43 140.13
Pulmonary Tuberculosis.....	90.5 105.0	65.7 74.9	71.3 79.6	75.2 79.2	76.5 85.3	62.1 76.3	61.55 61.54	67.47 60.46	62.00 59.38	52.22 45.26

In this table the upper number is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents dying in Cambridge are excluded.
The lower number is derived from the actual number of deaths in the city and includes non-residents, but excludes Cambridge residents who died outside of Cambridge.

TABLE D — Continued

	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Influenza	Trachoma	Anterior Poliomyelitis	Bites (Animals)	Encephalitis Lethargica	Trichinosis	Pellagra	Bacillary Dysentery	Totals
Week Ending																									
July	1	7	39	16	9	1	1	0	1	1	1	3	0	0	0	0	0	0	0	10	0	0	0	0	81
	8	3	16	13	5	1	4	0	1	1	1	1	0	0	0	0	0	0	1	15	17	0	0	0	64
	15	1	18	0	1	0	3	0	1	0	0	1	0	0	0	0	0	0	1	10	14	0	0	0	43
August	22	4	10	5	8	0	1	0	5	0	0	1	0	0	0	0	0	0	0	10	16	0	0	0	39
	29	2	5	0	1	0	1	0	4	0	0	1	0	0	0	0	0	0	0	14	6	0	0	0	38
	5	4	3	0	7	0	1	0	3	0	0	1	0	0	0	0	0	0	0	16	6	0	0	0	39
	12	6	3	0	12	0	0	0	3	0	0	1	0	0	0	0	0	0	0	7	6	0	0	0	34
	19	5	4	0	14	0	0	0	3	0	0	1	0	0	0	0	0	0	0	12	7	0	0	0	37
September	26	3	4	1	8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	27
	2	5	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12	6	0	0	0	23
	9	3	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	8	0	0	0	17
	16	5	0	3	9	1	0	0	1	0	0	0	0	0	0	0	0	0	0	11	6	0	0	0	45
	23	4	0	2	11	0	3	0	0	1	0	0	0	0	0	0	0	0	0	10	10	0	0	0	30
October	30	2	0	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	8	0	0	0	29
	7	1	0	3	9	0	2	0	0	0	0	1	0	0	0	0	0	0	0	10	10	0	0	0	20
	14	3	0	8	21	0	0	0	0	0	0	3	0	0	0	0	0	0	0	11	6	0	0	0	49
	21	3	0	9	15	0	2	0	0	0	0	1	0	0	0	0	0	0	0	10	8	0	0	0	41
	28	5	1	9	12	1	4	0	0	0	0	3	0	0	0	0	0	0	0	13	7	0	0	0	35
November	4	2	0	11	17	0	10	0	0	0	0	1	0	0	0	0	0	0	0	14	4	0	0	0	39
	11	5	3	12	38	1	9	0	0	1	0	3	0	0	0	0	0	0	0	11	3	0	0	0	65
	18	6	6	13	21	1	13	0	0	1	0	6	0	0	0	0	0	0	0	11	2	0	0	0	69
	25	4	3	8	25	1	8	0	0	0	0	4	0	0	0	0	0	0	0	11	3	0	0	0	86
December	2	1	15	9	28	1	17	0	0	0	0	10	1	0	0	0	0	0	0	15	6	0	0	0	69
	9	7	24	12	14	0	23	0	1	1	1	5	1	0	0	0	0	0	0	11	2	0	0	0	108
	16	5	17	17	6	2	4	1	3	0	1	9	0	0	0	0	0	0	0	15	6	0	0	0	87
	23	4	10	17	6	0	4	0	1	0	0	10	1	0	0	0	0	0	0	16	6	0	0	0	108
	30	5	10	17	6	0	4	0	1	0	0	9	0	0	0	0	0	0	0	16	6	0	0	0	62
Totals.....	50	344	623	754	438	29	259	6	124	22	24	195	3	0	10	13	129	1	8	405	0	1	1	1	3440

TABLE E

Ward	1933 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
DIPHTHERIA	1	1	1	1	1	0	2	2	1	0	2	0	12
	2	0	0	0	0	0	2	2	0	0	0	2	6
	3	1	0	0	1	0	2	0	0	1	0	1	6
	4	0	0	0	0	1	0	0	0	0	0	0	2
	5	0	0	1	0	2	0	0	0	0	2	0	5
	6	2	1	0	3	3	0	1	0	1	0	0	11
	7	0	0	1	0	0	0	1	0	0	0	0	2
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	1	1	0	0	0	0	0	0	3
	11	1	0	0	0	0	1	0	0	0	1	0	3
Total	5	2	3	5	9	2	7	6	1	2	5	3	50
SCARLET FEVER	1	2	1	2	7	8	3	4	2	6	7	5	49
	2	3	1	2	8	14	2	0	3	0	2	1	39
	3	2	0	1	4	2	1	0	2	2	4	3	22
	4	2	1	1	2	1	0	0	0	0	1	1	12
	5	5	3	8	17	10	0	1	0	0	0	0	50
	6	2	1	1	4	3	0	3	4	3	0	1	24
	7	2	3	2	3	2	0	0	0	1	1	2	16
	8	0	2	1	6	0	0	1	0	1	0	0	11
	9	4	2	5	0	3	0	1	0	0	2	6	24
	10	3	6	4	3	9	10	2	4	0	0	2	46
	11	1	6	12	8	16	5	0	1	0	0	0	51
Total	26	26	39	48	65	49	11	13	16	13	17	21	344
MEASLES	1	2	0	1	2	4	3	1	0	0	17	58	88
	2	2	1	2	4	9	3	2	0	0	0	1	55
	3	0	0	0	1	11	7	2	0	0	1	2	41
	4	1	1	1	2	12	5	1	0	0	0	0	38
	5	0	0	14	64	69	16	1	0	1	0	1	169
	6	0	1	5	16	17	31	1	0	0	0	2	76
	7	0	0	0	0	4	10	3	0	0	0	1	18
	8	0	1	0	1	6	19	1	0	0	0	0	28
	9	1	0	1	4	7	13	11	0	0	0	0	38
	10	1	1	2	1	6	30	12	3	0	0	1	57
	11	1	1	0	0	1	11	1	0	0	0	0	15
Total	8	6	26	93	166	175	52	12	0	1	18	66	623
CHICKEN POX	1	1	0	19	34	42	23	4	0	0	1	0	125
	2	8	3	15	9	29	25	7	0	2	1	12	112
	3	3	11	30	11	5	6	1	0	0	0	3	70
	4	9	10	31	13	8	5	2	0	0	1	6	86
	5	1	6	18	5	4	5	4	1	0	0	2	46
	6	4	8	10	5	11	5	1	0	2	2	2	51
	7	14	8	25	5	7	1	0	0	0	18	3	82
	8	5	0	0	1	3	1	0	0	9	8	0	27
	9	9	5	5	2	9	16	0	1	0	5	6	58
	10	6	1	5	5	6	3	2	0	3	10	8	62
	11	3	5	1	0	1	21	2	0	0	0	1	35
Total	63	57	159	90	125	111	23	3	5	26	44	48	754

TABLE E — *Continued*

Ward	1933 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WHOOPING COUGH													
1	0	0	0	1	0	0	3	2	10	16	24	21	77
2	1	2	0	3	0	1	2	1	0	6	8	11	35
3	0	2	1	0	0	2	0	0	3	0	12	9	29
4	1	2	0	0	3	0	3	3	3	6	7	3	31
5	5	0	5	7	0	0	1	6	16	18	7	9	74
6	4	3	0	0	4	8	0	0	4	6	12	8	49
7	4	2	0	0	0	0	0	0	3	0	3	4	16
8	0	0	1	1	0	2	0	0	1	0	4	0	9
9	0	1	2	3	5	2	3	9	0	0	2	4	31
10	0	0	8	2	0	2	2	20	1	0	1	9	45
11	0	0	1	1	14	0	9	8	0	2	3	4	42
Total	15	12	18	18	26	17	23	49	41	54	83	82	438
GERMAN MEASLES													
1	1	0	0	0	0	1	1	0	0	0	0	0	3
2	0	1	0	1	1	1	0	0	0	0	1	0	5
3	0	0	0	0	1	0	1	0	0	0	0	1	3
4	0	0	0	0	1	0	0	0	1	0	0	1	3
5	0	0	0	0	1	0	0	0	0	0	0	0	1
6	0	0	1	0	1	0	0	0	0	0	1	0	3
7	1	1	0	0	0	0	0	0	0	0	1	0	3
8	0	0	0	1	0	0	0	0	0	0	0	1	2
9	1	2	0	0	0	0	0	0	0	0	0	0	3
10	0	0	0	0	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	1	0	0	0	0	0	1	2
Total	3	4	1	2	6	3	2	0	1	0	3	4	29
MUMPS													
1	7	5	3	2	6	2	1	0	0	1	0	2	29
2	4	0	3	1	3	2	3	0	1	0	1	7	25
3	4	2	2	7	8	3	1	0	0	2	3	4	36
4	3	1	4	3	8	4	2	0	0	2	3	6	36
5	0	0	0	0	0	0	0	0	0	2	17	24	43
6	2	1	0	0	0	4	1	1	0	1	5	8	23
7	4	0	1	3	1	0	1	0	0	0	1	6	17
8	1	2	5	9	2	1	0	0	0	0	0	1	21
9	1	1	5	8	5	3	1	0	0	1	0	0	25
10	0	0	0	1	0	1	0	0	0	0	0	0	2
11	0	0	0	0	1	0	1	0	0	0	0	0	2
Total	26	12	23	34	34	20	11	1	1	9	30	58	259
TYPHOID FEVER													
1	0	0	0	0	1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	0	0	0	0	0	0	1
4	0	0	0	1	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	1	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	1	1	2	0	0	1	0	0	1	6

TABLE E — *Continued*

Ward	1933 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
PULMONARY TUBERCULOSIS													
1	0	2	0	1	2	1	1	1	1	1	0	6	16
2	1	4	1	3	0	3	1	5	1	0	0	2	21
3	0	4	1	3	0	0	3	2	0	0	1	0	14
4	1	0	3	0	2	1	1	0	1	2	0	0	11
5	1	0	1	2	2	0	0	1	0	0	0	1	8
6	0	1	1	1	1	4	0	1	0	0	2	0	11
7	3	1	1	1	1	2	1	1	1	1	1	1	15
8	0	0	0	1	0	0	0	0	0	0	2	0	3
9	0	1	0	1	1	0	1	1	0	0	0	0	5
10	0	0	0	2	1	0	0	0	0	1	2	2	8
11	1	2	3	1	1	0	1	1	1	0	0	1	12
Total	7	15	11	16	11	11	9	13	5	5	8	13	124
HILUM TUBERCULOSIS													
1	1	0	0	1	0	1	0	0	0	0	1	0	4
2	0	0	0	0	0	0	0	0	0	0	1	0	2
3	0	0	0	1	0	0	0	0	0	0	0	0	1
4	0	0	1	0	0	0	0	0	1	0	0	0	2
5	2	0	0	0	1	0	0	0	0	1	0	0	4
6	0	0	0	0	0	1	1	0	1	0	0	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	0	1
10	0	1	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	4	0	0	0	0	0	0	0	0	4
Total	3	1	1	6	1	2	1	0	2	1	3	1	22
OTHER FORMS OF TUBERCULOSIS													
1	0	0	0	0	2	0	1	0	0	0	1	0	4
2	0	0	0	0	0	1	0	0	0	0	0	0	1
3	1	1	0	0	0	1	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	1	0	0	0	0	1	4
6	1	0	0	0	0	0	0	0	0	1	0	1	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	1	0	0	0	0	0	0	1
10	0	1	0	0	1	0	0	1	0	0	0	1	4
11	0	0	2	0	0	0	0	1	0	0	0	0	3
Total	4	3	2	0	3	3	2	2	0	1	1	3	24
LOBAR PNEUMONIA													
1	9	6	6	3	1	1	1	2	1	5	3	5	43
2	9	3	2	1	1	2	1	1	0	2	7	3	32
3	6	3	3	2	1	1	0	0	0	2	3	1	22
4	1	0	1	1	1	1	0	0	0	2	0	4	11
5	4	1	0	1	0	0	0	0	0	0	0	2	8
6	3	0	0	0	1	0	0	1	2	0	1	5	13
7	2	3	0	1	0	1	0	0	0	0	0	3	10
8	0	2	1	0	0	0	0	1	0	1	0	2	7
9	5	0	2	1	1	4	1	0	0	0	3	1	18
10	1	1	3	6	0	1	2	0	1	0	0	4	19
11	1	1	1	2	0	0	1	2	0	0	3	1	12
Total	41	20	19	18	6	11	6	7	4	12	20	31	195

TABLE E — *Continued*

Ward	1933 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
CEREBRO- SPINAL MENINGITIS													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	2	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	0	0	2	3
SUPPURATIVE CONJUNCTIVITIS													
1	0	0	0	0	0	1	0	0	0	0	1	0	2
2	0	1	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	1	0	0	0	0	0	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	1	1	0	3
11	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	1	1	2	1	0	1	0	0	0	1	2	1	10
SEPTIC SORE THROAT													
1	0	0	0	0	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	0	1
5	0	0	0	1	0	0	0	0	0	0	0	0	1
6	0	0	1	1	0	0	0	0	0	0	1	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0	0	0	0	1
9	0	2	0	1	1	0	0	0	0	0	0	0	4
10	0	0	0	1	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	0	2	1	4	1	1	0	0	0	0	3	1	13
INFLUENZA													
1	21	2	0	0	0	0	0	0	0	0	0	0	23
2	6	1	0	0	0	0	0	0	0	0	0	0	7
3	12	1	1	0	0	0	0	0	0	0	0	0	14
4	10	0	5	0	0	0	0	0	1	0	0	0	16
5	4	1	1	0	0	0	0	0	0	0	0	0	6
6	11	1	0	0	0	0	0	0	0	0	0	0	12
7	5	1	0	0	0	0	0	0	0	0	0	0	6
8	11	1	0	1	0	0	0	0	0	0	0	0	13
9	19	2	0	0	0	0	0	0	0	0	0	0	21
10	9	0	0	0	0	0	0	0	0	0	0	0	9
11	1	1	0	0	0	0	0	0	0	0	0	0	2
Total	109	11	7	1	0	0	0	0	1	0	0	0	129

TABLE E — *Continued*

Ward	1933 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BACILLARY DYSENTERY													
1	0	0	0	0	0	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	0	1
PELLAGRA													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	0	0	0	0	0	0	0	1	0	0	0	0	1

TABLE F

MORBIDITY DISTRIBUTION		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Total
Diphtheria	M	0	1	2	4	3	10	2	1	2	0	2	0	0	0	0	0	10
	F	1	1	2	2	1	10	2	1	1	0	2	0	0	0	0	0	
	P	1	2	4	6	4	20	4	2	3	0	4	0	0	0	0	0	
Scarlet Fever	M	1	0	17	19	14	85	26	5	7	4	0	0	1	0	0	0	165
	F	1	5	8	14	12	80	20	1	15	6	3	0	0	0	0	0	
	P	2	5	25	33	26	165	46	6	22	10	3	0	1	0	0	0	
Measles	M	9	28	25	24	37	170	16	4	3	0	0	0	0	0	0	0	345
	F	6	20	26	26	34	175	11	2	6	1	0	0	0	0	0	0	
	P	15	48	51	50	71	345	27	6	9	1	0	0	0	0	0	0	
Chicken Pox	M	10	18	22	18	23	240	22	8	11	3	0	0	0	0	0	0	478
	F	14	21	19	23	31	238	26	1	6	0	0	0	0	0	0	0	
	P	24	39	41	41	54	478	48	9	17	3	0	0	0	0	0	0	
Whooping Cough	M	24	22	21	25	31	90	5	0	0	0	1	0	0	0	0	0	181
	F	18	22	22	26	30	91	6	0	1	2	1	0	0	0	0	0	
	P	42	44	43	51	61	181	11	0	1	2	2	0	0	0	0	0	
German Measles	M	1	1	0	0	0	4	0	2	2	0	0	0	0	0	0	0	10
	F	3	1	2	1	0	6	2	2	1	0	1	0	0	0	0	0	
	P	4	2	2	1	0	10	2	4	3	0	1	0	0	0	0	0	
Mumps	M	0	4	2	7	7	95	12	8	15	2	1	1	0	0	0	0	153
	F	2	1	5	5	6	58	15	4	4	3	2	0	0	0	0	0	
	P	2	5	7	12	13	153	27	12	19	5	3	1	0	0	0	0	
Typhoid Fever	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	
	P	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	
Pulmonary Tuberculosis	M	1	1	0	1	0	0	0	8	16	6	10	8	8	2	0	0	41
	F	0	0	1	0	0	1	3	6	25	13	4	6	3	1	0	0	
	P	1	1	1	1	0	1	3	14	41	19	14	14	11	3	0	0	
Hilum Tuberculosis	M	0	0	1	0	0	2	3	1	0	0	0	0	0	0	0	0	7
	F	0	1	0	1	0	8	4	1	0	0	0	0	0	0	0	0	
	P	0	1	1	1	0	10	7	2	0	0	0	0	0	0	0	0	
Other Forms of Tuberculosis	M	0	1	0	1	0	0	1	2	1	4	3	0	1	0	0	0	5
	F	0	1	0	1	0	1	0	1	4	1	1	0	0	0	0	0	
	P	0	2	0	2	0	1	1	3	5	5	4	0	1	0	0	0	
Lobar Pneumonia	M	2	4	3	5	5	12	15	6	16	12	13	11	9	4	0	0	20
	F	4	3	1	1	2	12	5	7	9	8	10	5	5	4	2	0	
	P	6	7	4	6	7	24	20	13	25	20	23	16	14	8	2	0	
Cerebrospinal Meningitis	M	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	P	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	
Bacillary Dysentery	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	P	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
Suppurative Conjunctivitis	M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	F	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Septic Sore Throat	M	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	6
	F	0	1	0	0	0	0	0	0	4	0	0	1	0	1	0	0	
	P	0	1	0	0	0	0	0	1	6	2	1	1	0	1	0	0	
Influenza	M	1	1	0	1	2	7	4	3	2	13	10	6	1	1	1	0	20
	F	0	0	0	0	0	13	7	4	28	8	7	1	2	3	2	1	
	P	1	1	0	1	2	20	11	7	30	21	17	7	3	4	3	1	

TABLE F — *Concluded*

MORBIDITY DISTRIBUTION		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 and over	Total
achoma	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
terior liomyelitis	M	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	4
	P	0	0	1	0	2	4	1	0	0	0	0	0	0	0	0	0	8
es (animal)	M	2	2	4	11	11	51	67	36	35	22	22	6	4	0	0	0	273
	F	0	3	2	3	7	45	18	8	12	10	13	6	4	1	0	0	132
	P	2	5	6	14	18	96	85	44	47	32	35	12	8	1	0	0	405
ichinosis	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
llagra	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	P	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

TABLE G
DISEASES BY WARDS FOR YEAR, ALSO DENSITY OF POPULATION

Wards.....	1	2	3	4	5	6	7	8	9	10	11	Totals
Population.....	17,266	12,864	9,080	8,905	9,636	9,364	8,517	6,946	11,383	10,184	10,746	114,891
Area (acres).....	421.3	405.9	122.4	158.1	320.4	205.2	300.9	267.5	904.7	554.2	519.6	4180.6*
Density (per acre).....	41	31	73	56	30	45	28	25	12	18	21	27
Diphtheria.....	12	6	6	2	5	11	2	0	0	3	3	50
Scarlet Fever.....	49	39	22	12	50	24	16	11	24	46	51	344
Measles.....	88	55	41	38	169	76	18	28	38	57	15	623
Chicken Pox.....	125	112	70	86	46	51	82	27	58	62	35	754
Whooping Cough.....	77	35	29	31	74	49	16	9	31	45	42	438
German Measles.....	3	5	3	3	1	3	3	2	3	1	2	29
Mumps.....	29	25	36	36	43	23	17	21	25	2	2	259
Typhoid Fever.....	1	0	1	1	0	0	1	0	1	0	1	6
Pulmonary Tuberculosis....	16	21	14	11	8	11	15	3	5	8	12	124
Hilum Tuberculosis.....	4	2	1	2	4	3	0	0	1	1	4	22
Other Forms of Tuberculosis	4	1	3	0	4	3	0	1	1	4	3	24
Lobar Pneumonia.....	43	32	22	11	8	13	10	7	18	19	12	195
Cerebrospinal Meningitis....	0	2	0	0	0	0	1	0	0	0	0	3
Pellagra.....	0	0	0	0	0	0	0	0	0	0	1	1
Suppurative Conjunctivitis..	2	1	0	1	0	1	0	0	1	3	1	10
Septic Sore Throat.....	1	0	0	1	1	3	0	1	4	1	1	13
Influenza.....	23	7	14	16	6	12	6	13	21	9	2	129
Trachoma.....	1	0	0	0	0	0	0	0	0	0	0	1
Anterior Poliomyelitis.....	1	1	1	0	0	0	1	1	1	2	0	8
Animal Bites.....	54	46	33	22	40	50	41	22	32	25	40	405
Bacillary Dysentery.....	1	0	0	0	0	0	0	0	0	0	0	1
Trichinosis.....	0	0	0	0	1	0	0	0	0	0	0	1
Totals.....	534	390	296	273	460	333	229	146	264	288	227	3440

*6.53 square miles.

TABLE H
DEATHS BY MONTH AND WARD
(Exclusive of Stillbirths)

Ward	1	2	3	4	5	6	7	8	9	10	11	Non-Resident	Total
January	10	18	8	4	18	14	5	4	14	13	14	38	160
February	14	12	9	4	7	10	7	6	6	6	4	36	121
March	8	13	10	6	8	11	10	5	12	6	6	33	128
April	10	10	9	8	7	5	4	6	8	7	13	27	114
May	4	8	5	8	14	8	11	10	8	6	10	18	110
June	6	9	7	7	2	5	9	4	5	6	8	21	89
July	10	9	9	4	5	6	8	6	9	6	8	21	101
August	11	9	6	5	4	3	4	2	6	12	8	22	92
September	11	12	6	2	7	7	4	0	5	3	14	27	98
October	11	9	10	4	12	11	4	3	9	7	12	19	111
November	11	13	14	11	5	5	7	13	6	9	16	28	138
December	13	18	9	10	7	9	7	8	6	7	15	35	144
Totals	119	140	102	73	96	94	80	67	94	88	128	325	1406

TABLE I
DIPHTHERIA (Morbidity, by Months)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1924.....	21	26	20	18	22	21	18	15	15	21	9	30	236
1925.....	37	24	10	22	13	11	9	14	8	4	8	8	168
1926.....	10	1	3	8	7	3	0	1	2	5	6	5	51
1927.....	3	6	4	8	9	26	8	6	21	13	18	29	151
1928.....	40	43	14	20	20	23	17	7	16	16	18	12	246
1929.....	23	14	15	7	3	9	7	13	6	10	15	19	141
1930.....	12	13	11	7	6	7	4	8	4	8	4	6	90
1931.....	7	2	0	4	4	4	1	1	1	1	7	21	53
1932.....	5	9	2	2	7	13	6	8	1	10	2	4	69
1933.....	5	2	3	5	9	2	7	6	1	2	5	3	50

DISEASES DANGEROUS TO THE PUBLIC HEALTH

DIPHTHERIA

During the months of April, May, and June a drive was started to immunize children under six years of age, with the result that 1,667 children under six years of age received the three doses of toxin anti-toxin.

There was a marked dropping off in the number of cases of diphtheria — nineteen cases less than in 1932; there were fifty (50) cases reported in 1933. Two deaths occurred, one in a child who had been sick a week without medical attention; the other in a child six months after he had diphtheria. Both children were under six years of age.

SCARLET FEVER

Scarlet fever was of a mild type throughout the year and took a very decided drop from the previous year. There were 344 cases reported in 1933 against 505 in 1932. There were two (2) deaths from this disease, one in the city and one outside.

PULMONARY TUBERCULOSIS

The number of pulmonary tuberculosis cases reported was 124. Fifty-one (51) cases died in the city — sixteen (16) less than the previous year. Of this number eight (8) were non-residents. Fourteen (14) Cambridge residents died outside the city.

TYPHOID FEVER

Six (6) cases of typhoid were reported in 1933. The source of infection in none of them could be traced. There were two (2) deaths.

MEASLES

Measles increased, 623 cases in 1933 against 407 for 1932. There were two (2) deaths, as many as from scarlet fever or diphtheria.

AUTOMOBILE ACCIDENTS

Twenty-five (25) persons died from automobile accidents (four (4) under ten (10) years of age). Eleven (11) were non-residents. Eight (8) of the accidents occurred outside the city. Three (3) Cambridge residents were killed outside the city.

COMMUNICABLE DISEASE (CONTROL) NURSES

Cases on visiting list January 1, 1933.....	14
Number of cases for isolation.....	245
Number of cases released.....	237
Number of new cases.....	2,079
Scarlet fever.....	206
Diphtheria.....	39
Septic sore throat.....	4
Measles.....	427
German measles.....	18
Mumps.....	186
Chicken pox.....	366
Whooping cough.....	370
Lobar pneumonia.....	90
Influenza.....	53
Anterior poliomyelitis.....	1
Cerebrospinal meningitis.....	2
Typhoid fever.....	3
Syphilis.....	57
Gonorrhea.....	22
Dog bite.....	238
Cat bite.....	21
Rat bite.....	4
Original investigations.....	2,777
Subsequent visits (cases in isolation).....	748
Hospital cases (scarlet fever, diphtheria, and anterior poliomyelitis)...	192
Unreported cases — discovered.....	228
Total number of calls.....	3,525
Cases on visiting list December 31, 1933.....	8

SCHICK CLINICS

(Diphtheria Immunization)

Total number of persons at clinics.....	14,774
Total number of persons Schicked.....	1,653
Total number of persons read.....	1,516
Total number of persons finished — three doses T. A. T.....	3,532
Pre-school.....	2,234
School.....	1,298
Total number of persons read first time.....	72
Positive.....	6
Pseudo.....	60
Negative.....	6
Total number of persons read reSchicked.....	1,444
Positive.....	71
Negative.....	1,232
Pseudo.....	141
Total number doses T. A. T. given.....	11,615
Total number clinics held.....	369

The work this year has been more encouraging in that more persons were seen in the clinics than in any other year. This last fact was because a “drive” was put on starting in April in which all the school nurses, communicable disease nurses, and baby nurses, and sanitary inspectors devoted some of their time — assisted also by outside agencies, such as the Cambridge Visiting Nursing Association, Public Welfare, Cambridge Tuberculosis and Health Association, American Legion, etc.

As a whole we did not get the children in the drive that we had anticipated, but we did get a large number of pre-school children, who to my mind are the important ones to reach. I would suggest another drive this year, and profiting by our experiences of last, see if we could not make a showing of which we would all be proud.

A detailed account of the Schick Clinics follows:

SCHICK CLINICS
(Showing Detail of Each Clinic)

	Finished	Toxin Anti-toxin	Schicked	Read	Readings			Number of Clinics	Number at Clinics
					Positive	Negative	Pseudo		
Sacred Heart.....	95	304	195	199	6	181	12	11	696
Putnam.....	220	1,705	167	164	3	153	8	28	1,036
Community Center.....	44	168	...	...	..	...	..	..	168
St. Hedwig's.....	35	107	6	4	..	3	1	5	117
St. Paul's.....	52	179	47	2	..	2	..	6	228
Immaculate Conception....	24	74	...	...	..	...	..	3	74
Harvard.....	80	292	6	17	..	16	1	6	315
Morse.....	239	836	12	6	3	3	..	15	854
Sleeper.....	437	1,471	58	6	1	5	..	24	1,535
St. Peter's.....	157	477	21	19	1	17	1	7	517
Agassiz.....	115	370	22	9	..	9	..	15	401
Neighborhood House.....	60	224	22	...	..	...	..	5	246
Houghton.....	272	822	38	...	..	...	..	9	860
Lowell.....	40	137	6	3	1	2	..	6	146
French.....	48	149	96	99	2	84	13	9	344
Russell.....	113	368	26	19	5	13	1	7	413
Haggerty.....	237	773	29	23	3	16	4	11	825
St. Mary's.....	93	258	164	130	6	110	14	7	552
Longfellow.....	71	224	40	19	1	16	2	7	283
St. John's.....	53	191	121	111	8	90	13	6	423
Thorndike.....	81	265	133	139	9	120	10	14	537
Peabody.....	78	249	53	59	3	45	11	13	361
Abraham Lincoln.....	38	122	33	29	1	27	1	7	184
East End Union.....	10	39	...	...	..	...	..	3	39
Cambridge City Hospital...	...	1	1	...	..	...	..	1	2
City Hall.....	297	798	71	267	22	211	34	83	1,136
Kelley.....	282	923	89	89	1	75	13	25	1,101
Roberts.....	124	484	...	...	..	...	..	3	484
Webster.....	11	49	37	12	..	12	..	4	98
Willard.....	106	359	82	9	..	8	1	9	450
Taylor.....	29	110	33	29	1	28	..	8	172
St. Francis.....	40	53	39	39	1	33	5	7	131
Wyman.....	1	13	16	14	..	12	2	4	113

IMMUNIZATIONS BY WARDS AND AGES

Wards	Under 1	1	2	3	4	5	6	7	8	9	10-14	15-19	20 and Over
Ward 1.....	36	35	40	24	36	64	70	73	41	42	59	5	1
Ward 2.....	9	16	45	26	26	20	39	45	48	55	56	4	..
Ward 3.....	12	16	29	24	21	9	42	8	8	15	23	4	..
Ward 4.....	8	5	10	3	16	15	50	15	13	9	10	2	1
Ward 5.....	20	23	38	25	44	50	86	29	31	24	11	13	1
Ward 6.....	22	33	34	40	24	30	43	51	42	49	53	11	..
Ward 7.....	17	19	23	8	9	20	18	29	13	7	6	4	..
Ward 8.....	8	6	9	8	17	9	16	12	2	10	10	..	1
Ward 9.....	18	36	41	33	40	57	51	33	27	20	20	10	..
Ward 10.....	23	22	28	25	26	36	51	40	22	7	29	..	..
Ward 11.....	23	36	33	37	42	64	52	46	39	18	45	15	..
Totals.....	202	247	340	253	301	374	517	371	286	257	312	68	4

INFANT WELFARE NURSES

The work of the division has been carried on as in former years, with the addition of Diphtheria Prevention and visitation of children's boarding homes.

Clinics were held in the following places:

Haggerty School, Cushing Street.....	Mondays,	2.30 p.m.-3.30 p.m.
Morse School, Brookline and Allston Streets.....	Mondays,	2.30 p.m.-4.00 p.m.
Putnam School, Fourth and Otis Streets.....	Tuesdays,	2.30 p.m.-4.00 p.m.
Sleeper School, Dudley Street.....	Wednesdays,	1.30 p.m.-4.00 p.m.
Kelley School, Willow Street.....	Thursdays,	2.00 p.m.-4.00 p.m.
Houghton School, Putnam Avenue and Magee Street.....	Fridays,	2.30 p.m.-4.00 p.m.
Agassiz School, Sacramento and Oxford Streets...	Fridays,	3.00 p.m.-4.00 p.m.

The division is grateful to the following doctors for their gratuitous services: Dr. Samuel Chalfen, Dr. Samuel Clement, Dr. Abraham Weidman, Dr. Myer Marlin, Dr. Maurice S. Duchin, Dr. Eugene Gorman, Dr. Albert Poirier, Dr. Harry V. Byrne, and to the various social agencies and private individuals for their coöperation and aid in this work.

A detailed report of the work is submitted herewith; also infant mortality rate for past ten years; also mortality by age groups.

INFANT MORTALITY UNDER ONE YEAR
(Per 1,000 live births)

	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Number of births. . .	3,678	3,438	3,416	2,910	2,813	2,665	2,606	2,476	2,459	2,273
Number of deaths. .	166	178	192	156	150	147	121	129	141	105
Rate.....	45	52	56	54	54	55	46	52	56	46.2

1933

Total number of deaths under one year.....	105
Number of deaths within first twenty-four hours.....	26
Number of deaths between twenty-four hours and one week.....	26
Number of deaths between one week and one month.....	15
Number of deaths between one month and one year.....	38
Total number of stillbirths.....	84

ANNUAL REPORT OF INFANT WELFARE — 1933

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.	Total
Home visits.....	371	457	654	761	811	583	488	702	375	544	595	379	6,720
New cases.....	60	58	69	48	39	74	58	76	59	68	69	68	746
Breast fed.....	24	26	32	28	20	33	27	35	36	22	31	35	349
Bottle fed.....	29	23	31	16	12	34	24	34	18	26	26	14	287
Breast and bottle fed.....	7	9	6	4	7	7	7	7	5	20	12	19	110
Closed cases.....	79	84	83	58	33	153	200	80	36	73	67	57	1,003
Babies over one year.....	62	63	68	35	16	136	162	62	33	56	41	45	779
Moved.....	16	18	14	23	17	17	37	15	3	16	23	11	210
Died.....	1	3	1	0	0	0	1	3	0	1	3	1	14
Ophthalmia.....	0	0	0	0	0	0	0	0	0	0	0	1	1
Conjunctivitis.....	1	0	0	1	0	1	0	0	0	0	1	0	4

Number of babies on visiting list January 1, 1933.....	1,386
Number of babies on visiting list January 1, 1934.....	1,129

CLINICS

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Sleeper School:													
Number of clinics.....	4	3	5	3	5	4	4	5	4	4	5	4	50
Total attendance.....	275	193	237	143	322	265	249	298	240	243	250	106	2,821
New cases.....	14	14	13	14	22	26	11	18	14	15	13	6	180
Closed.....	1	0	1	0	0	0	0	0	0	0	0	0	2
Registration.....	2,468	2,482	2,494	2,508	2,530	2,556	2,567	2,585	2,599	2,614	2,627	2,633	2,633
Haggerty School:													
Number of clinics.....	3	3	4	4	5	4	5	4	3	5	4	3	47
Total attendance.....	22	12	34	27	69	39	35	16	27	39	27	7	354
New cases.....	4	2	4	3	5	3	4	0	3	7	4	0	39
Closed.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Registration.....	523	525	529	532	538	541	545	545	548	555	559	559	559
Kelley School:													
Number of clinics.....	4	4	4	3	4	5	4	5	4	3	4	3	47
Total attendance.....	197	162	175	168	315	226	226	252	232	130	131	79	2,293
New cases.....	31	25	32	22	40	17	20	29	30	21	9	6	272
Closed.....	0	0	0	0	0	0	172	0	49	0	0	0	221
Registration.....	1,341	1,366	1,398	1,420	1,460	1,477	1,425	1,453	1,434	1,455	1,464	1,470	1,470
Putnam School:													
Number of clinics.....	5	4	3	4	4	4	3	5	4	4	4	3	47
Total attendance.....	94	46	55	62	163	72	78	116	121	81	55	48	991
New cases.....	6	6	9	10	14	7	9	14	11	10	4	3	103
Closed.....	0	0	0	0	0	21	39	0	0	0	0	0	60
Registration.....	651	657	666	676	690	697	654	629	640	650	654	659	659

[illegible]

CAMBRIDGE VISITING NURSING ASSOCIATION

(In Coöperation with Board of Health)

Station: Cambridge Neighborhood House, Harvard at Moore Street

Total Registration:			
Babies under one year.....	261		
Babies between one and two years.....	335		
	—		596
New cases:			
City babies.....	257		
Conference babies.....	328		
	—		585
Discharged:			
Completion of year of city supervision.....	269		
Died.....	5		
Transferred to preschool file.....	417		
	—		691
Number of conferences.....			50
Total number attending, babies.....			3,814
Home visits, total.....			100
Cases referred to:			
Cambridge Welfare Union.....			25
Private physician.....			5
Hospital Clinics:			
Cambridge Hospital.....			28
Cambridge City Hospital.....			40
Children's Hospital.....			17
Relief Hospital.....			1
Massachusetts Eye and Ear.....			1
Rainy Clinic days.....			23

DISPENSARY FOR TUBERCULOSIS

The total number of physical examinations was 1,671. This represents 825 persons. Of this number 355 were new cases. These were divided according to sex as follows: male, 166; female, 189. There were 846 reëxaminations. The youngest person examined was four months old; the oldest, seventy years.

The relative ages of new cases follow:

Under 15 years of age.....	178
Between 15 and 20 years of age.....	36
Between 20 and 30 years of age.....	60
Between 30 and 40 years of age.....	45
Between 40 and 50 years of age.....	24
Between 50 and 60 years of age.....	9
Between 60 and 70 years of age.....	2
Between 70 and 80 years of age.....	1

Diagnosis of new cases:

Positive cases.....	68
Arrested cases.....	10
Suspicious cases.....	50
Negative cases.....	201
Deferred cases.....	43

(Ten arrested cases are classified as positive. Seven cases deferred from previous reports are also classified in above positive group. In the suspicious group 25 of the 50 cases were found in children under 15 years of age.)

The clinical forms of tuberculosis were classified as follows:

Pulmonary.....	47
Childhood.....	19
Tubercular adenitis and hilum.....	1
Tuberculosis of bone.....	1
Tuberculosis of kidney.....	1
Tuberculosis of spine and glands.....	1

The ages of the positive cases follow:

<i>Age</i>	<i>No.</i> <i>Cases</i>	<i>Age</i>	<i>No.</i> <i>Cases</i>	<i>Age</i>	<i>No.</i> <i>Cases</i>
1	1	20	1	39	1
3	2	21	1	40	1
4	2	22	1	41	1
5	2	25	2	42	1
7	1	26	1	43	1
8	2	27	1	46	1
9	3	28	1	47	2
10	4	29	2	49	2
12	2	30	1	53	1
13	2	31	1	54	1
14	2	32	1	56	1
15	1	33	1	59	1
17	3	36	1	62	1
18	1	37	2	64	1
19	3	38	3	69	1

TUBERCULOSIS FIELD NURSES

Reported cases (1932):			
New cases reported			164
Died	27		
Moved out of town	15		
Gone to hospitals	84		
Disappeared	0		
To visiting list	22		
Private physician attending	16		
Visiting list (home):			
Cases brought forward	938		
Cases admitted	22		
Returned patients from hospitals and sanatoria	44		
Total admission to list			1,004
Dropped:			
Died	27		
Gone to hospitals and sanatoria	90		
Moved out of town	20		
Disappeared	0		
Total dropped from list			137
On visiting list today			742
Home visits (original)	148		
Home visits (subsequent)	2,817		
Total home visits	2,965		
Predisposed or suspected cases from last year	255		
Dropped	24		
New cases on list	13		
Total such on list at present			244
Cases diagnosed as arrested during year			10
Total cases on record			865

TIME ELAPSING BETWEEN "REPORT" AND "DEATH"
(1933 DEATHS, 51*)

Cases reported after death	7
Seven days or less	4
Eight to fourteen days	1
Fifteen to twenty-one days	1
Twenty-two to thirty-one days	1
Within first month (total)	7
Within second month	5
Within third month	2
Within fourth month	2
Within fifth month	2
Within sixth month	1
Fifth to ninth month	5
Ninth to twelfth month	2
One to two years	6
Over two years	12

* Pulmonary deaths, Cambridge residents, died in Cambridge.

TUBERCULOSIS HOSPITAL

(799 Concord Avenue, Overlooking Fresh Pond)

On January 1, 1933, there remained in the hospital from the previous years 80 patients. During the year we admitted 76 patients, readmitted 40 patients, making a total of 206 patients treated in the year of 1933.

RESIDENTS

Of the 80 cases remaining in the hospital from the previous years 32 were patients of 1932; 16 of 1931; 14 of 1930; 7 of 1929; 3 of 1928; 1 of 1927; 3 of 1926; 1 of 1925; 1 of 1917; 2 of 1914.

1914. Two cases of chronic phthisis still resident.

1917. A case of chronic phthisis still resident.

1925. A case of chronic phthisis still resident.

1926. A case of chronic phthisis still resident.

1927. A case of chronic phthisis died.

1928. Three cases of chronic phthisis remained in the hospital; one is still resident; one died; one was discharged to go to work, and was readmitted six months later very sick.

1929. Seven cases of chronic phthisis remained in the hospital; five are still resident; one was discharged to go to work; one died.

1930. Fourteen cases of chronic phthisis remained in the hospital; three were discharged well; three left against advice; were readmitted later in the year; one died.

1931. Sixteen cases of chronic phthisis; four are still resident; one was discharged to go to her home in Newfoundland. Two went to the Cambridge City Hospital for phrenicectomy operations, and were readmitted two weeks later. They are still resident. One went home to go to work; he was readmitted nine months later and is still resident. Six were discharged to their homes improved; two left against advice.

1932. Thirty-two cases of chronic phthisis; eleven are still resident. Eight were transferred; one went to Boston Sanatorium at Mattapan; three went to Middlesex County Sanatorium; three went to Cambridge City Hospital (two to the Obstetrical Department; they were readmitted here two weeks later; one was operated on for orchidectomy, was readmitted and died about three weeks later with tuberculous meningitis); one was dis-

charged for infraction of rules; one went to Maine; one was non-tubercular; seven died.

READMISSIONS

There were forty patients readmitted during the year of 1933; a case of 1908 was discharged to go to his home; a case of 1918 still resident; a case of 1928 discharged to go to work; five cases of 1929 were readmitted, discharged, and readmitted at different times during the year. Seven cases of 1930: one was transferred to Cambridge City Hospital for tonsilectomy, and was readmitted here two weeks later. Three were discharged, one well; the other two were readmitted; one went home against advice; two are still here. Eight of 1931: three were discharged and readmitted and are still resident. Two died; three are still resident. Seven cases of 1932: one was discharged for infraction of rules. Three died. Four cases of 1933: one was transferred to Middlesex County Sanatorium at Waltham. Three went home; one was unimproved. She was readmitted a short time later and died. Two went home against advice; were readmitted later and are still resident.

NEW CASES

During the year we admitted 76 patients as against 81 patients during 1932.

STAGES

Of the 76 cases admitted, 62 were advanced cases; 9 were minimal cases; 3 were non-tubercular.

Sex: 39 were males; 37 were females, as against 47 males and 34 females of 1932.

Ages.....	1-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Cases.....	0	12	31	15	5	8	5	2

Social Status: Married, 35; single, 29; widowed, 7; divorced, 5.

Nativity: 21 were born in Cambridge; 9 elsewhere in Massachusetts; 13 elsewhere in the United States; 33 were foreign born.

NATIONALITY

American	43	American Negro . . .	6	Scotch	1
Canadian	6	Polish	1	Armenian	1
Jewish	1	Italian	4	Russian	2
Greek	1	Irish	6	B. West Indies . . .	1

OCCUPATIONS

Chauffeur	3	Graduate nurse	1	Shoe cutter	1
Student	10	Domestic	3	Porter	3
Housewife	18	Retired	1	Service man	1
Saleslady	2	Mechanic	1	Laborer	7
Unemployed	10	Junkman	1	Shipper	1
Carpenter	1	Factory employer . .	3	Stenographer	2
Laundress	1	Clerk	3		

COMPLICATIONS

Hemorrhage	10	Asthma	5	Acute Pneumo	
Tubercular throat	1	Syphilis	2	Phthisis	1
Epileptic	1	Scarlet fever	1	Lung abscess	1
Non-tubercular . . .	3	Cancer of ear	1	Tubercular glands	1
Spontaneous		Diabetes mellitus . . .	1	Arthritis	1
pneumothorax . .	1	Cardio renal	1	Meningitis	1

SOURCE

Forty-five gave a history of one or more cases in the immediate family; three were non-tubercular; of the remaining twenty-eight, no source of contagion could be established.

TRANSFERS

There were twenty-three transfers during the year: four went to Rutland State Sanatorium, Rutland; one went to Lakeville Sanatorium, Middleboro; one went to Boston State Sanatorium, Mattapan; two went to Middlesex County Sanatorium, Waltham; one went to North Reading Sanatorium; fourteen to the Cambridge City Hospital — ten for phrenicectomy operation; one for operation of strangulated hernia; one an acute appendix; two for obstetrics; one for orchidectomy operation; one for cauterization of tonsils.

SPUTA

Forty-five cases were positive on admission; thirty-one were negative.

RESULTS

Thirty were discharged dead (15 per cent); eleven went home against advice; thirty-two were improved; fifteen, condition the same.

X-RAY

Fifteen were sent to the Cambridge Hospital for x-ray of the chest; seventeen for x-ray and extraction of teeth.

PNEUMOTHORAX TREATMENT

Eleven were given pneumothorax treatment during the year; two of these patients came from their home once a month for treatment.

PHRENICECTOMY

Nine had phrenic nerve operations.

OPERATIONS

One had cauterization of hemorrhoids; one cauterization of tonsils; one an operation for a strangulated hernia; one an acute appendix.

AVERAGE HIGHEST AND LOWEST NUMBER OF PATIENTS EACH MONTH

	<i>High</i>	<i>Low</i>	<i>Aver.</i>		<i>High</i>	<i>Low</i>	<i>Aver.</i>
January.....	80	74	79	July.....	84	79	84
February.....	77	75	76	August.....	86	83	87
March.....	79	73	75	September.....	86	83	84
April.....	81	79	80	October.....	82	80	82
May.....	85	77	80	November.....	87	81	85
June.....	84	79	81	December.....	90	87	89

SOCIAL WORKER

The report of the Social Worker for the year ending December 31, 1933, is as follows:

Visits made during the year	1,469
Settlements determined (as listed below)	715
State cases	195
Cambridge cases	253
Other cities and towns	118
State sanatorium applications	62
Out-of-town notices	87
Bills investigated and approved for payment from out-of-town boards of health	112
Bills investigated and disapproved for reason that families were financially able to pay	34
Concerts provided at the Tuberculosis Hospital	23

The department is grateful to the following organizations, firms, and individuals for their continued contributions in a material way toward the comfort and pleasure of the patients at the Tuberculosis Hospital: St. Peter's Dramatic Club, through the courtesy of Rev. Stephen Moran and Rev. E. O'Brien; St. Mary's Band, through the courtesy of Rev. E. Joseph Burke; St. Paul's Dramatic Club, through the courtesy of Rev. Daniel J. Golden; Russell Howard; William Devereaux's Orchestra; Cambridge Al Smith Club; Rev. Bent E. Carlsen; Cambridge Tuberculosis Association; Ex-Councillor Thomas Gibson; Mr. Fred Lovejoy; Mrs. Raymond Calkins; Rev. Cuthbert Fowler; Mrs. J. L. Paine; Prof. and Mrs. J. H. Beale; Cambridge Lodge of Elks; Cambridge Police Association; H. P. Hood and Sons; J. B. Johnson Ice Cream Company; Mansion House Ice Cream Company; Hathaway Baking Company; Hennessy Candy Company; Touraine Chocolate Company; George Close Candy Company; Puritan Cake Company; Ward Baking Company; Ruth Evelyn Food Shop; Cambridge Public Market; Woolworth's Five and Ten Cent Store; Bushway Ice Cream Company; Miss Delilah Fowler; Miss Maud Fowler; Miss Gertrude Mooney; Neapolitan Ice Cream Company; public school children under direction of Benedict Fitzgerald; Mr. Joseph Little; Berkeley Book Club; Cheerful Letter Committee of First Church; Mr. Goulding; Mrs. Sullivan, Belmont; Mrs. Dore; Young People's Fellowship; Federation of Catholic College Clubs; Christ Church, Cambridge; John B. Corcoran of the Franklin Print and others whose names may be unintentionally omitted.

SCHOOL MEDICAL INSPECTION

In the annual thorough examination at the opening of the fall school session there were 23,007 physical examinations of public and parochial school children. Of this number 14,697 children showed no defects, while the balance of children (8,310) showed 9,718 defects.

Adequate facilities for the correction of vision and tonsils are still lacking. Of the 5,396 cases of tonsils found and recommended removed, only 802 were corrected (about one-seventh). There were 1,072 cases of defective vision found and 641 corrected (more than one-half).

There were 12,202 children found with defective teeth; 1,499 were corrected completely, and 2,057 continuing treatment. Below are listed the conditions found in the annual physical examinations:

Colds.....	20	Anaemia.....	2
Otitis media.....	10	Asthma.....	4
Tonsils and adenoids.....	5,396	Bronchitis.....	57
Pediculosis.....	66	Cleft palate.....	5
Cardiac.....	739	Hair lip.....	1
Impetigo.....	60	Nasal discharge.....	6
Scabies.....	50	Hearing.....	3
Eczema.....	22	Thyroid.....	45
Herpes.....	1	Questionable.....	35
Ringworm.....	10	Teeth.....	1,017
Acne.....	11	Boils.....	2
Dermatitis.....	95	Hernia.....	5
Malnutrition.....	129	Artificial eye.....	2
Orthopedic.....	374	Warts.....	1
Chicken pox.....	1	Chorea.....	1
Mumps.....	1	Sinistral.....	1
Scoliosis.....	1	Myopia.....	34
Obesity.....	3	Alveolar abscess.....	1
Cervical glands.....	1,231	Old burn.....	1
Conjunctivitis.....	2	Adenoids.....	1
Injuries.....	10	Shingles.....	1
Lungs.....	40	Artificial limb.....	1
Tonsillitis.....	2	Ear ache.....	1
Strabismus.....	90	Appendix.....	1
Blepharitis.....	20	Unsuccessful vaccination.....	1
Hordeolum.....	4		
Posture.....	9		
Flat feet.....	63	Total examinations.....	23,007
Nerves.....	14	Number found O.K.....	14,697
Mental retarded.....	11	Number defective children....	8,310
Moles.....	4	Number defects found.....	9,718

DEFECTS FOUND

Teeth.....	12,202
Ears.....	96
Vision.....	1,072
Tonsils.....	5,396
Pediculosis.....	810
Orthopedic.....	374

DEFECTS CORRECTED

Teeth.....	1,499
Vision.....	641
Tonsils.....	802
Pediculosis.....	682
Orthopedic.....	41

WORK CERTIFICATE CLINIC

Number examined.....	149
New cases.....	116
Old cases.....	33
Boys.....	108
Girls.....	41
Defective children.....	36
Defects found.....	41
Teeth.....	11
Tonsils.....	2
Vision.....	19
Pediculosis.....	2
Lungs.....	1
Cardiacs.....	4
Skin.....	2

DENTAL EXAMINATIONS

Number examined.....	15,665
Apparently perfect teeth.....	1,563
Good teeth.....	3,337
Urgent cases.....	579
Orthodontia.....	303
Fillings.....	9,979
Cleanings.....	12,185
Extractions.....	6,275

EXCLUSION CARDS SENT IN BY SCHOOL PHYSICIANS — 1933

PHYSICIAN	Number of Cards	Number of Exclusions	Impetigo	Scabies	Ringworm	Chorea	Bronchitis	Mumps	Scarlet Fever	Chicken Pox	Whooping Cough	Grippe	Tonsillitis	Sore Throat	Conjunctivitis	Blepharitis	Colds	Temperature
Dr. Andrews.....	4	9	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. Barnes.....	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. Chalfen.....	10	16	10	8	1	1	..	6	..	..	..	..	..	..	..	..	..	..
Dr. Clancy.....	25	49	29	7	..	1	1	..	..	1	..	7	2	..	..	..	..	1
Dr. Dressler.....	28	51	39	5	2	..	..	4	1	..	..	..	..	1	1	1	1	..
Dr. Marlin.....	41	71	36	17	11	..	..	2	..	..	1	..	..	..	1	1	1	..
Dr. Nelligan.....	31	31	17	5	5	..	..	..	..	4	..	..	..	..	..	..	..	..
Dr. Wadden.....	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. White.....	24	37	19	1	16	..	..	..	..	..	1	..	..	..	..	..	..	..
Dr. Kelleher.....	4	4	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals.....	270	169	156	41	36	2	1	12	1	5	2	7	2	1	1	1	1	1

Following are the defects found by doctors other than during the annual physical examinations during the year 1933; 2,516 referred of whom 658 had "no cause for complaint," while 1,858 had various ailments and defects as listed below:

Colds.....	148	Dog bites.....	5
Otitis media.....	57	Chicken pox.....	46
Pediculosis.....	20	Measles.....	4
Cardiac.....	15	Scarlet fever.....	3
Impetigo.....	324	Mumps.....	28
Scabies.....	87	Pertussis.....	1
Ringworm.....	65	Tonsillitis.....	125
Dermatitis.....	80	Glands.....	53
Eczema.....	57	Blepharitis.....	2
Acne.....	8	Hordeolum.....	9
Urticaria.....	1	Conjunctivitis.....	70
Herpes.....	19	Bronchitis.....	38
Psoriasis.....	2	Malnutrition.....	71
Verruca.....	2	Laryngitis.....	1
Boils.....	26	Pharyngitis.....	1
Abrasions.....	9	Gingivitis.....	1
Poison ivy.....	1	Grippe.....	10
Burns.....	3	Jaundice.....	1
Wen.....	1	Epistaxis.....	1
Unclean.....	2	Sinus.....	1
Goitre.....	1	Otalgia.....	2
Constipation.....	4	Questionable.....	138
Indigestion.....	10	Acute tuberculosis.....	1
Chorea.....	5	Miscellaneous.....	88
Orthopedic.....	17		
Malingerer.....	1	Number found O.K.	658
Injuries.....	192	Number defects.....	1,858
Mental.....	1	Total examined.....	2,516

YEARLY REPORT OF SCHOOL NURSES — 1933

Number of visits at schools (public and parochial)	4,350	
Number of inspections	193,111	
Number sanitary inspections	74	
Number of visits to classrooms	6,588	
Total number exclusions	1,738	
Pediculosis	1,738	
Skin	538	
Symptoms of communicable disease	297	
Colds	1,192	
Miscellaneous	118	
Number referred to school physicians	1,102	
Number referred to family physicians	95	
Number referred to Clinics	543	
Number referred to Board of Health	16	
Number children weighed	17,471	
Time spent (hours)	7,075 $\frac{1}{4}$	
Office work — clerical work — time spent (hours)	*2,464 $\frac{1}{2}$	
Number of consultations	31,579	
Teachers	11,873	
Parents	855	
Pupils	14,101	
Others	4,985	
Time spent (hours)	1,961 $\frac{3}{4}$	
Number of first aid treatments	2,827	
Time spent (hours)	17 $\frac{1}{2}$	
Home visiting:		
Number of homes	5,736	
Number of children	9,072	
Time spent (hours)	2,606 $\frac{3}{4}$	
Health Education:		
Classroom talks	480	
Classes	171	
Talks to other groups	7	
Meetings attended	44	
Time spent (hours)	265 $\frac{3}{4}$	
Chadwick Clinic (number attending)	99	
Infantile Paralysis Blood Serum Clinic	6	
Time spent (hours)	14	
Clinics	986	
Tonsils and adenoids — number of cases	523	
Vision	492	
Medical	675	
Surgical	155	
Schick work in schools	2,749	
Time spent (hours)	1,751	
Special Schick Clinics, April, May, June and July — number	156	
Children at Clinics	8,765	

* 947 hours spent on clerical work on all sixth and third grade children for the State to get nationality, age, and weight.

WORK CERTIFICATE CLINIC (City Hall)

Number examined				149
New cases	116	Boys	108	
Old cases	33	Girls	41	
Defective children				36
Defects found				41
Teeth			11	
Tonsils			2	
Vision			19	
Pediculosis			2	
Lungs			1	
Cardiac			4	
Skin			2	
Deferred a few days				1

DENTAL CLINICS

The Central Clinic, 1481 Cambridge Street, has been conducted all year as heretofore and the district clinics at the Thorn-dike, Wellington, Roberts, Webster, Russell, and Ellis Schools are conducted mornings during the school year. During the year the School Dentists examined and classified the teeth of 15,665 school children. A summary of the dental clinics' work is as follows:

Patients:

Old cases	791
New cases	4,207
Total	4,998
Cases discharged	2,941
Cases continued	2,057

Treatments:

Number of visits	17,896
Number of fillings	11,691
Number of extractions	10,404
Number of treatments	7,776
Number of free cases	1,864

Registration fees \$677 85

DENTAL SURVEY — 1933-1934
DENTISTS' DISTRICTS

SCHOOL	Exam.	P.	G.	U.	O.	F.	C.	Ex.
Webster	684	65	118	62	85	446	666	256
Willard	419	56	20	57	25	327	416	166
Morse	473	64	72	78	32	324	454	182
Blessed Sacrament	762	70	81	111	62	535	750	382
Houghton	755	113	112	110	74	500	732	245
Totals	3,093	368	403	418	278	2,132	3,018	1,231
Putnam	423	5	55	..	..	362	418	153
Thorndike	477	18	92	6	..	374	463	186
Taylor	152	3	13	..	..	125	151	62
St. Hedwig's	322	3	59	1	..	260	319	106
Sacred Heart	546	22	80	..	..	444	524	235
St. Francis	263	5	48	2	..	230	253	95
Totals	2,183	56	347	9	..	1,795	2,128	837
Roberts	1,010	40	162	21	..	819	903	496
Fletcher	429	17	89	6	1	252	320	142
St. Mary's (boys)	676	12	129	45	1	577	629	282
Totals	1,215	69	380	72	2	1,648	1,852	920
Longfellow	947	34	432	18	4	422	589	176
Agassiz	360	11	168	6	1	156	203	88
St. Paul's	639	12	240	14	8	343	510	100
St. Mary's (girls)	681	10	223	16	1	407	560	152
Totals	2,627	67	1,063	54	14	1,328	1,862	516
Russell	749	73	274	6	..	400	463	256
Haggerty	337	31	100	1	..	206	225	159
Lowell	93	4	37	..	..	52	58	43
Peabody	512	81	235	1	..	82	24	118
St. Peter's	671	43	206	2	..	422	459	291
Totals	2,362	232	852	10	..	1,162	1,229	867
Ellis	296	92	..	..	1	82	102	139
Sleeper	290	98	2	..	2	80	51	138
Wyman	94	4	3	..	..	41	19	28
St. John's	1,097	278	..	..	1	382	335	512
French	568	88	..	..	1	244	242	328
Abraham Lincoln	295	102	..	..	3	82	24	118
Totals	2,640	662	5	..	8	911	773	1,263
Wellington	743	53	156	7	1	453	636	282
Kelley	581	41	103	9	..	382	500	242
Gannett	120	5	12	..	..	99	107	56
Lithuanian	101	10	16	..	..	69	80	61
Totals	1,545	109	287	16	1	1,003	1,323	641
Grand Totals	15,665	1,563	3,337	579	303	9,979	12,185	6,275

BACTERIOLOGIST AND INSPECTOR OF MILK

The total number of laboratory examinations was 7,322. There were 1,814 specimens for diphtheria, pulmonary tuberculosis, typhoid fever, gonorrheal smears, urines, blood counts, and other miscellaneous examinations.

There were tested 3,337 samples of milk for butterfat content, of which 1,806 were from dealers, 1,123 from stores and 408 from restaurants; 18 were found below standard.

There were 1,461 samples of milk taken from dealers, stores, restaurants, and pasteurizing plants and tested for their bacterial content according to the American Public Health official method; 436 samples of this number were raw milk taken from pasteurizing plants.

All the bacteria counts made on the pasteurized milk from original containers showed that 88.8 per cent were 50,000 or below; 6.03 per cent contained from 50,000 to 100,000 colonies per c.c.; 2.9 per cent contained from 100,000 to 200,000; 00.93 per cent contained from 200,000 to 300,000; 00.93 per cent contained from 300,000 to 500,000, and 00.41 per cent over 500,000.

There were 509 samples of cream examined chemically and bacteriologically from stores and dealers; 11 were found above 500,000 colonies of bacteria per c.c.

There were 105 samples of ice cream examined as to butterfat content; all were found up to standard.

There were 37 samples of butter examined and found of good quality; 26 samples of vinegar were tested and found above the legal standard of acetic acid; 44 samples of Grade "A" milk contained more than 25,000 bacteria per c.c.

During the year 18 samples of milk were found to contain less butterfat than the legal standard requires. One court case on milk below standard with a fine of \$5 was obtained.

Inspections were made of 1,531 stores and restaurants as to conditions under which milk was kept and 21 received notices for having unsanitary milk chests.

The following number of licenses were issued during 1933: dealers, 87; stores, 705; restaurants, 251; oleomargarine, 19; pasteurizing plants, 3. Total number of licenses issued was 1,062 (1,043 milk licenses at fifty cents (\$.50) each; 19 oleomargarine

licenses at fifty cents (\$.50) each, and three pasteurizing licenses at ten dollars (\$10) each. Fees collected, \$561. Seven complaints on milk were examined and adjusted.

Bacteriological examinations are listed below:

BACTERIOLOGICAL EXAMINATIONS

1933	Diphtheria Diagnosis		Diphtheria Release		Sputa for Tuberculosis		Typhoid		Gonorrhea	Out of Town
	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative		
January.....	2	26	1	3	6	34	0	4	39	22
February.....	1	29	0	0	12	33	0	2	19	11
March.....	1	40	1	6	15	27	0	3	60	8
April.....	1	28	0	0	11	28	0	3	27	13
May.....	5	48	0	7	0	17	1	5	57	9
June.....	2	48	0	1	18	48	5	26	48	6
July.....	2	32	1	3	3	9	0	1	38	3
August.....	2	30	0	1	10	31	0	13	41	4
September.....	0	33	0	4	1	8	0	8	48	12
October.....	1	19	0	0	10	28	0	0	71	6
November.....	2	23	2	3	4	33	0	6	48	11
December.....	2	60	0	5	9	38	1	0	63	37
Totals.....	22	416	5	33	99	334	7	71	559	142

No Growth.....	2
Vincent's Stomatitis.....	5
Scarlet Fever.....	1
Suspicious.....	1
Streptococcus Throat.....	26
Septic Sore Throat.....	1

INSPECTION OF FOOD, PROVISIONS AND SLAUGHTERING

The regulations in regard to the sale and handling of food have been enforced as rigidly as possible. Conditions have been very satisfactory as a whole. Minor violations occur occasionally but after a warning or a little advice, a return visit finds the required demands fulfilled.

The bakeries both wholesale and retail have been frequently inspected and are in very good condition.

Restaurants also are being visited very frequently and very little trouble is found. Only one had to go before the court for violation of the food laws, and then only after several warnings. He was found guilty and fined \$25.

Several bad fires in stores handling food, or in stores adjacent to those handling food occurred during the year. A prompt inspection is always made in these cases, and as a result of these inspections a large quantity of food was seized and disposed of.

Insufficient toilet facilities in restaurants licensed to sell beers and liquors have been a real problem, but at this time this problem has been overcome. Approximately 97 new toilets have been installed and several others are being installed.

Fish has always given us more or less trouble, but in the past two years the improvement shown in the handling and care of this food is really satisfying. Frequent and diligent inspection in the stores handling fish has shown a fine result.

The following is a detailed report of foodstuffs condemned, as well as that of inspection of slaughtering:

VEGETABLES CONDEMNED

Potatoes.....	63	bushels
Sweet potatoes.....	40	pounds
Cucumbers.....	4	bushels
Onions.....	11	bushels
Squash.....	7½	barrels
Asparagus.....	87	bunches
Tomatoes.....	17	bushels
Spinach and other greens.....	12½	bushels
Cabbage.....	7	barrels
Carrots.....	4	bushels
Parsnips.....	1½	bushels
Garlic.....	25	bunches

FRUIT CONDEMNED

Grapefruit.....	3	boxes
Oranges.	19	boxes
Cantaloupes.....	8	crates

Grapes.....	16	boxes
Pears.....	4½	bushels
Apples.....	7	bushels
Watermelons.....	19	
Egg plant.....	36	
Dates.....	121	pounds
Figs.....	65	pounds
Cherries.....	7	pounds

MARKET PRODUCTS CONDEMNED

Beef.....	800	pounds
Pork.....	315	pounds
Poultry.....	237	pounds
Lamb.....	266	pounds
Sausages.....	44	pounds

FISH CONDEMNED

Salmon.....	73	pounds
Haddock-cod.....	620	pounds
Mackerel.....	430	pounds
Clams in shell.....	2½	pounds
Oysters.....	3	pounds
Lobsters.....	169	pounds
Crabs.....	68	pounds
Halibut.....	170	pounds
Smoked fish.....	211	pounds

MISCELLANEOUS PRODUCTS CONDEMNED

Pickles (bulk).....	2	kegs
Pickles (quart bottles).....	33	
Olives (50 pound kegs).....	4	
Olives (pint bottles).....	60	
Cherries (dried).....	40	pounds
Raspberries in kegs — 100 pound kegs.....	7	
Shortening.....	450	pounds
Doughnuts.....	421	dozen
Muffins.....	50	dozen
Dough.....	150	pounds
Olive oil.....	7	gallons
Bread.....	40	loaves
Cake.....	47	loaves
Cereal (two-pound packages).....	300	
Tea.....	81	pounds
Coffee.....	36	pounds
Macaroni (bulk and package).....	611	pounds
Canned fish.....	90	cans
Vegetable and fruit in cans.....	136	cans
Cheese.....	42	pounds
Barley — dried beans.....	126	pounds
Flour.....	700	pounds
Sugar.....	800	pounds
Candy.....	21	pounds
Ice Cream (dirt).....	4	gallons

INSPECTION OF SLAUGHTERING*

<i>Inspected</i>		<i>Condemned</i>	
Veal.....	24,482	Veal.....	338 (a)
Sheep.....	483	Sheep.....	0
Pigs.....	1,211	Pigs.....	9

(a) Mostly because of immaturity.

* Includes inspections of Dr. Bolger.

INSPECTOR OF ANIMALS

Rabies

During the past year there have been five cases of rabies in Cambridge. The final diagnosis was made on examination of heads at the Harvard Medical School. This is about the average for one year but without any serious outbreaks following them.

Rabies is still epidemic in Massachusetts. Scattered outbreaks are reported to the State Board from various localities. Great care should be taken by owners of dogs in presenting their dogs for examination to a veterinarian, if apparently sick, and a great deal of trouble can be avoided which might result seriously to their families or others.

Dog Bites

Large numbers are reported mostly among children, sometimes their own fault and other times being attacked on street by vicious dogs. These cases are reported by doctors, hospitals, and police departments. The owners of these dogs are served with quarantine notices, restraining dogs for a period of fourteen days. During this time the Inspector of Animals visits and observes dogs for a possible development of rabies. At the end of this period the condition of dogs is reported to the Bureau of Animal Industry at the State House, and released if in good condition.

The number of dog bites for the past year, January 1, 1933, to January 1, 1934, was 405, necessitating 1,521 visits by the Inspector. The number of licensed dogs in the city for the past year was 1,248, and possibly a small number of unlicensed ones. The police department should be commended for coöperation in locating owners of dogs that have bitten persons, and finally I would suggest that principals of schools should be asked as a matter of education to instruct school children not to handle or touch dogs on the street, but to keep away from them, as I find by observation a large number of bites have been the result of school children patting strange dogs on the street.

Previous to 1928 it was optional with the Inspector in his judgment whether or not to quarantine dogs, but during that year a law was passed by the State Board of Health that all dog bites and dog scratches, cat bites and cat scratches were classified as Contagious Disease, and had to be reported to city and town Boards of Health and subsequently quarantined for a period of fourteen days observation. This entails considerable work, but is in the best interest for the health of the community.

HOUSING AND PLUMBING INSPECTOR

After four years of depression, a great number of property owners were compelled to neglect their property as they had reached the end of their resources, and had all they could do to take care of their mortgages and taxes.

This condition was brought about partly through the inability of tenants to pay their rent because of unemployment and unemployment of owners themselves. In every case we have coöperated with property owners so that no unnecessary hardship would be caused in keeping their property up to health standards.

During the year work was continued on relocation of water-closets removed from cellars in dark and damp locations to higher locations with natural light and ventilation. Seven houses have been vacated as unfit for human habitation.

A number of houses have had water shut off for various reasons and we have required resuming water supply immediately. Have been working on lowlands and other breeding places for mosquitoes and other insects. A number of complaints referred because of offensive odors, smoke, rat nuisance, overcrowding and insufficient heat have been remedied.

The following is a more detailed report of activities:

Complaints received through office	37
Complaints received outside office	49
Complaints received — no cause	6
Nuisances abated	71
Nuisances abatement uncompleted	9
Original visits	1,861
Subsequent visits	2,214
Plumbing tests made	26
New water-closets installed	11
Houses vacated	7
Stores vacated	1
Families vacated	8
Basement vacated	1
Water-closets; natural light and ventilation	11
Overcrowding remedied	8
Unsanitary woodwork enclosing sinks removed	4
Unsanitary woodwork enclosing water-closets removed	9
Unsanitary floors underneath water-closets repaired	6
Miscellaneous conditions remedied, including relocation of water-closets and natural ventilation of hall and bedrooms	22
Patients removed to hospitals	21
Legal orders served	46
Complaints of insufficient heat received and remedied	4
Rat nuisance remedied	10
Dump fire (smoke and odor) nuisance remedied	12
Hearing notices posted	2
Contagious cases released	8
Removing cases of tuberculosis to North Reading State Sanatorium	2
Removing a case of tuberculosis to Rutland State Sanatorium	1

NUISANCES ABATED, REGULATIONS ENFORCED, LICENSES GRANTED, CONTAGIOUS CASES INVESTIGATED, ETC., 1933

Dwelling houses surveyed completely	622
Water-closets, offensive and defective:	
Filthy bowls	53
Leaking bowls	21
Broken bowls	19
Obstructed soil pipes	44
Defective soil pipes	31
Defective tanks	15
Defective traps	15
Closets not supplied with running water	41
Insufficient supply of running water	28
New closets installed	3
New bowls installed	13
Defective supply pipes (from tank to bowl)	16
Sinks, offensive and defective (including wash bowls, bathtubs and set tubs):	
Filthy basins	22
Leaking basins	20
Defective traps	13
Defective drains	26
Obstructed drains	35
Untrapped drains	0
New sinks installed	2
Obstructed and defective house drains	26
Offensive cesspools cleaned and removed	14
Defective ice chest connections	6
Defective barber shop connections	2
Wet and damp cellars remedied	37
Stagnant water on premises removed	33
Stagnant water in streets and gutters removed	11
Dirty yards cleaned	226
Dirty roofs cleaned	7
Dirty buildings cleaned	7
Dirty stairways cleaned	24
Dirty light wells cleaned	2
Dirty cellars cleaned	110
Dirty sheds cleaned	10
Dirty hencoops cleaned	19
Dirty stables cleaned	1
Uncovered manure pits properly covered	2
Manure pits repaired, and new pits built	1
Manure in yards and lots removed	5
Vacant lots cleaned	18
Defective, or lack of stable connections (gutters, traps and drains)	1
Defective stable floors repaired	1
Filthy garbage receptacles cleaned	67
Filthy garbage bins cleaned	50
New garbage receptacles provided with covers	78
New garbage receptacles, covers provided	80
Dead animals removed	41
Dirty ceilings	14
Noisy roosters	23
Leaking roofs	11
Smoke	10
Rats	16

Bugs and fleas.....	26
Fowl removed from dwelling houses (cellars, attics, etc.):	
Number of houses.....	11
Total nuisances abated.....	1,364
Unsanitary dwelling vacated.....	0
Plumbing (peppermint) tests made.....	3
Keeping hens without license.....	11
Keeping pigeons without license.....	7
Hearing notices posted (number premises).....	35
Inspections by sanitary inspectors.....	10,365
Subsequent inspections by sanitary inspectors.....	8,414
Complaints received by inspectors through office.....	555
Complaints received by inspectors outside office.....	654
Complaints received and investigated, no cause.....	46
Complaints received and investigated, nuisance abated.....	1,151
Complaints uncompleted.....	12
Contagious cases investigated and histories obtained:	
(See Contagious Disease Nurses' Report)	
Venereal diseases (lapsed cases, male).....	135
Hearings given:	
On applications to keep hens.....	15
On applications to keep and sell live fowl.....	0
On applications to keep, kill, and sell live fowl.....	*6
On applications to keep pigeons.....	23
On applications to maintain a pet shop.....	2
On applications to manufacture sausages.....	4
On application for assignment to break and can eggs.....	1
On application for permit to fill in premises.....	1
Permits granted:	
Hens (keep).....	8
Hens (keep, kill, and sell).....	1
Pigeons.....	17
Pet shop.....	2
Licenses granted:	
Undertakers.....	49
Manicure and massage (practice).....	169
Beauty parlors (conduct).....	97
Barber shops.....	190
Ice cream manufacture.....	29
Rummage sales.....	26
Denatured alcohol dealers.....	128
To fill premises.....	2
Day nursery.....	0
Non-alcoholic beverages.....	5
Vapor bath.....	0
Registrations:	
Collect and cart manure.....	0
Collect and cart grease.....	10
Collect and cart garbage.....	6
Sell ice.....	123
Slaughter houses.....	2

* Same petitioner 5 times.

JOHN D. CROWLEY, *Agent*

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT OF
THE TRUSTEES

CAMBRIDGE
PUBLIC LIBRARY

For the Year Ending December 31, 1933



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ANNUAL REPORT OF THE TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

For the Year Ending December 31, 1933

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RICHARD J. COSTELLO.....Term expires January, 1935
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Secretary

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CENTRAL LIBRARY

Broadway and Trowbridge Street

The central library is open daily, except holidays, from 9 a.m. to 9 p.m.; the children's room, from 9 a.m. to 6 p.m. On Sundays the central library is open to readers only from 2 to 9 p.m.; the children's room from 2 to 6 p.m. From June 1 to October 1 the central library and children's room are closed on Sundays.

BRANCH LIBRARIES

Open Week Days Only

EAST CAMBRIDGE BRANCH, Cambridge Street

Open from 9 a.m. to 9 p.m.

NORTH CAMBRIDGE BRANCH, Walden and Meade Streets

Open from 9 a.m. to 9 p.m.

CENTRAL SQUARE BRANCH, 590 Massachusetts Avenue

Open from 9 a.m. to 9 p.m.

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Open Monday to Friday 2 to 9 p.m.; Saturday 1 to 9 p.m.

OBSERVATORY HILL BRANCH, 146 Huron Avenue

Open from 9 a.m. to 9 p.m.

*Ralph W. Robart resigned September, 1933.

STAFF

Marie Boyle, Assistant, Catalogue Department
 Helen M. Cahill, Assistant, Cambridge Field Branch
 Lillian Collins, Local Department
 Alice Connelly, Assistant, Central Square Branch
 Teresa Connor, Assistant, Observatory Hill
 Mary E. Cotter, Assistant, Loan Department
 Helena T. Curtis, Assistant, Local Department
 Jennie C. Day, Assistant, Reference Department
 Mary M. Doyle, Assistant in charge of Registration
 Mary Finucane, Assistant, North Cambridge Branch
 Mary Fitzpatrick, Assistant, Mount Auburn Branch
 Elizabeth C. Galvin, Branch Librarian, Observatory Hill Branch
 Emma C. Harrington, Assistant, Central Square Branch
 Cairn D. Hawkes, Chief of Reference Department
 Mary Hill, Assistant, School Library
 Agatha L. Killeen, Chief of Children's Department
 Harriet D. Lochman, Branch Librarian, Central Square Branch
 Florence M. Lyons, Assistant, Children's Department
 Catherine A. McAleer, Branch Librarian, Field and East Cambridge Branches
 Marion McCall, Assistant, North Cambridge Branch
 Mary McCarthy, Assistant, North Cambridge Branch
 Isabelle McGowan, Assistant, Catalogue Department
 Eleanor R. McLaughlin, Librarian's Secretary
 Mary E. Markham, Assistant, East Cambridge Branch
 Alice L. O'Brien, Assistant, Loan Department
 Catherine M. O'Neill, Assistant, Order Department
 Gertrude A. Scott, Assistant, Observatory Hill Branch
 Lillian C. Scott, Assistant, Cambridge Field Branch
 Anna Sexton, Assistant, Children's Department
 Laura E. Silley, Assistant, Catalogue Department
 Julia A. Starkey, Assistant, East Cambridge Branch
 Anna Sullivan, Assistant, Bindery Department
 Margaret L. Toohey, Branch Librarian, Mount Auburn Branch
 Elizabeth H. Walsh, Chief of Loan Department
 Alice C. Welch, Assistant, Bindery Department

Head Janitor

Cornelius F. Dinan

Janitors

Arnold Nelson, North Cambridge	John B. Slattery, Central Library
James Geary, East Cambridge	Michael J. Courtney, Mount Auburn
Walter Hackett, Cambridge Field	James W. Walsh, Mount Auburn
Mrs. Annie Z. Miller, Central Library	

Pages and Part Time Workers

Edward Conley, Central Library	Edward O'Callahan, Central Library
Daniel Desmond, East Cambridge	Joseph Reagan, Central Library
James B. Martin, Cambridge Field	James Sullivan, North Cambridge
William Martin, Central Library	Richard Shine, Central Library
Charles Mongan, Central Library	William McLaughlin

ANNUAL REPORT OF THE TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

To His Honor the Mayor:

The Trustees of the Cambridge Public Library present the following report of its condition and affairs for the year ending December 31, 1933, being the annual report.

ORGANIZATION OF THE BOARD

The Board of Trustees organized at the annual meeting on January 20, 1933 with the election of Mr. Ralph W. Robart, Chairman, Dr. Robert W. Young, Treasurer, and Mrs. Julia T. Boyle, Secretary.

RECEIPTS OF THE LIBRARY

The receipts which may be expended by the Trustees for the maintenance of the library consist of the annual appropriation by the Mayor and City Council together with the income received from the trust funds. During the year 1933 the custody of these funds was transferred from the Trustees to the City Treasurer. However the income will continue to be expended by the trustees.

REPAIRS AND IMPROVEMENTS

On December 11, 1933, a project was granted to the Cambridge Public Library by the Civil Works Administration of Massachusetts. The major portion of this work was to be done at the Main Library and it was the repair of the damage done by termites as well as the reconstruction of those parts of the building which were open to the attack of these insects. The plans included new cement floor construction, the rewiring, plumbing and steam fitting and will practically make the building fireproof. Included in this plan was the item for the painting of the Cambridge Field Branch.

BOOKS

During the year 1933 a total of 8,968 books were added to the library by purchase from the city appropriation, the trust funds and gifts. There are at present a total of 169,127 volumes in the library system. The total number of books circulated for the year 1933 was 712,527. There were 5,925 new borrowers registered during the year. The annual appropriation for books was \$8,000

and the income from the trust funds was approximately \$1,500. The total appropriation by the City was \$81,070.

GIFTS

The Library received many important gifts of books during the past year for which we are most thankful.

The Trustees welcome bequests of money, and trust that generous testators may remember the library. It is from such sources alone that they can make purchases of rare works which give value and rank to a great educational institution.

As a matter of interest to the public, the Board take pleasure in listing herewith the present trust funds of the library, which during the past year have been transferred to the custody of the City Treasurer.

Citizens' Subscription Fund	\$5,000 00
Cummings Fund	2,000 00
Fay Fund	1,000 00
Harding Fund	1,000 00
Howe Fund	3,000 00
Murdock Fund	2,000 00
Saunders Fund	7,000 00
Whorf Fund	3,000 00
Wilson Fund	1,000 00
Woolson Fund	5,000 00
Fund established by a Citizen of Cambridge .	7,400 00

During the year one person retired under the Retirement Act, namely Mrs. Margaret L. Toohey, Librarian, Mount Auburn Branch, who retired voluntarily. Mrs. Toohey entered the service in 1915 and gave years of splendid service.

The Trustees desire to express publicly their high appreciation to the Librarian, Mr. Thomas J. Sullivan, and the entire staff for their loyal coöperation. Such service contributes largely to the permanent success of the library.

ROBERT W. YOUNG,
JULIA T. BOYLE.
RICHARD J. COSTELLO,
EDWARD P. COLLIER,
HENRY J. MAHONEY,
MICHAEL J. NEVILLE.

REPORT OF LIBRARIAN

To the Board of Trustees:

I hereby present the seventy-sixth annual report of the Cambridge Public Library. The seventy-sixth year of public library service in the City was one of the most trying of its existence. There was an increase upon its resources and there was a necessary decrease in the municipal budget which forced the library to curtail its service. This was a source of disappointment to both the patrons and the staff. Under normal conditions any increase in borrowers would be very gratifying but it is very disappointing to be unable to supply the demands.

Thousands of volumes are in poor condition and need to be repaired or replaced. The library is also having an increased demand for new material for the students or those who are attempting to make use of their leisure and improving their minds. There are forty-five hundred pupils in the public high schools and each pupil has to select books from the list each year. The books on this list receive a very severe strain and wear out quickly. To replace these books in sufficient quantities alone would call for the expenditure of several thousands of dollars.

The condition of the branches warrants immediate attention in order to offer proper service to the community. In the Mount Auburn Section the branch is located in a basement room of the Haggerty School. This room is frequently used for school purposes as a class room, lunch room and sewing room. It is a small, dingy and poorly ventilated room. This branch should serve a large community who would appreciate good books and the normal comforts offered by a good library in their community. Lack of sufficient space and equipment hampers the work in East Cambridge as well as the fact they are poorly located and really need a fairly large building to serve this community. In Central Square the work of the library suffers from a poor location as it is at present on a second floor and it is well known that patrons will not climb stairs to use the facilities which can be found on ground floor locations. It is earnestly hoped that it may be possible to remedy these conditions soon.

On December 11, 1933, through the agency of the Civil Works Administration, work was begun on the repair of the damage caused by termites. The plans call for complete fireproof

construction in the basement and first floor. Although the library is grateful that this repair has been made possible we also regret that because of the dust and noise and the other inconveniences pertaining to a major repair job it was necessary to deprive the public of the use of the library during working hours.

USE OF THE LIBRARY

Due to the economic conditions and the restlessness of many of the citizens and a desire for new books to aid them both in serious study and in recreation the library has been unable to meet demands of the patrons. However many have expressed their thankfulness for the many privileges which have been offered them. Tired minds found rest and relief in reading, others have endeavored to plan a course of study in the fields of science, history, art, biography and literature.

During the year 712,527 books were lent for home use. A loss is regrettable but it is due in no small part to the lack of funds to supply a sufficient number of books.

Year	No. Volumes	Borrowers	Circulation
1929-1930.....	150,618	47,608	634,161
1930-1931.....	156,507	9,187	666,623
April 1931-December 1931, inclusive..	161,771	16,388	519,177
1932.....	162,694	22,233	731,936
1933.....	169,127	28,148	712,527

BORROWERS OF BOOKS

Here again the Library demonstrated its usefulness to the community in these trying times. Undoubtedly several more people are realizing that they have at their doors a pleasant and useful recreation through the use of free books for reading or they can now devote more time to serious study. It is in these two particular fields that the Library is striving to become a genuine source of assistance for those who find themselves with many leisure hours.

LOAN DEPARTMENT

The excessive demands upon a library are naturally made through this very active department. It is remarkable with the small number of new books added during the year and with the demand made upon them that the circulation is even as high as it is. There is a constant demand for new fiction, books of travel,

adventure and biography and in many instances advice is asked for a planned reading course that the patrons may improve their minds with the hope of improving their position in life.

Page service which suffered by curtailment of the budget has effected the circulation considerably. Books from the High School reading list are kept on an open shelf and properly marked and have thus benefited both the students and the library in making them more available.

Each year the miniatures of the Main Library are demonstrating their ever-increasing popularity. Registration and circulation has increased in nearly every branch and this despite woeful lack of books. It is only through the painstaking patience and devotion to duty on the part of the branch staff that their patrons could be satisfied.

REFERENCE DEPARTMENT

Among the persons using the Reference Room during the past year were some who were taking up new lines of work about which they wished to get information. Others with no work have found the library a help during hard times. The books in the room have been used freely and 13,132 have been brought out from the stack for hall use. The visits of classes from the high school were carried on as usual during the first part of the year, and in the fall term until repairing of the library building necessitated giving them up.

Among the books added to the reference collection were several numbers of the Reference Shelf used in debates on current questions, the volumes of the 1930 United States Census as issued, a 1933 edition of Ayer's Directory of Newspapers and Periodicals, Atlas of the Historical Geography of the United States by Paullin, a new set of the Catholic Encyclopedia and of Skeat's Etymological Dictionary of the English Language.

HOSPITAL WORK

The circulation of books in the Cambridge City Hospital is still being carried on. Books of every description are now included in the collection reserved for hospital use. It was hoped that the number of books might be increased this year and the work extended to other hospitals but due to limited appropriations

these plans could not be executed. Much pleasure is being derived by the patients at the City Hospital from this system.

Books from the circulating collection have been lent every month to the Home for the Aged on Mount Auburn Street and the residents are appreciative of the privilege.

JUVENILE DEPARTMENT

The year 1933-34 has been a busy one for the Juvenile Department. Although we have had fewer books than in past years, the attendance and circulation have increased. The summer showed an unusually large attendance, undoubtedly due to the fact that fewer children went away to summer homes and camps than in other years. Since schools have opened the room has been crowded every afternoon.

Our Book Week exhibit in the fall was very successful, not only for the enthusiasm of the visitors, but for the excellence of the books on display. There were included the most important authors and the very best year's production of juvenile titles. So, although we had less volumes, the department did not suffer.

There have been valuable additions to the department in several new sets of encyclopedias which have been purchased this year. They will be important aids in the increased reference work.

We hope that the Juvenile Department will continue to be as popular with the children, and their parents and teachers as it has been this year; and that we may still give them the most worthwhile of all the fine literature produced for them.

STAFF

During the year Mrs. Toohey was retired on pension at her own request, after completing nineteen years of useful service to the community.

At the time that the Board of Trustees voted to separate the East Cambridge and Cambridge Field Branches and have each branch under one branch library, Miss Lillian Scott, who had been a senior assistant in the Cambridge Field Branch, was made branch librarian.

An examination held at the direction of the Board of Trustees on July 20, 1933 resulted in an eligibility list from which to make appointments to the staff. Miss Lillian Collins who was first on

this list was appointed to the vacancy on the staff caused by the resignation of Mrs. Toohey.

The services which the Library has rendered is due in no small measure to the earnest efforts of the staff. Their whole-hearted coöperation and enthusiasm is in no small measure responsible for the successful service being maintained under trying times.

I take this occasion to thank the many friends of the Library for their gifts of books, pamphlets and magazines. The Library has been the recipient of many very useful books this year. Also I wish to acknowledge the good will and generosity of the local papers for the publishing of book lists and other matters.

I wish to thank the Board of Trustees for their willingness at all times to render service to the Library and for their loyal support and interest in several projects undertaken.

Respectfully submitted,

THOMAS J. SULLIVAN,
Librarian

LIBRARY STATISTICS

1933

Number of Card Holders

Borrowers registered during year (Central Library)	2,143
Total number of borrowers (Central Library)	11,404

Branch Libraries

Borrowers registered during year (North Cambridge)	587
Total number of borrowers (North Cambridge)	3,293
Borrowers registered during year (Central Square)	1,231
Total number of borrowers (Central Square)	5,789
Borrowers registered during year (East Cambridge)	461
Total number of borrowers (East Cambridge)	2,110
Borrowers registered during year (Cambridge Field)	986
Total number of borrowers (Cambridge Field)	2,202
Borrowers registered during year (Mount Auburn)	108
Total number of borrowers (Mount Auburn)	860
Borrowers registered during year (Observatory Hill)	409
Total number of borrowers (Observatory Hill)	2,490

At Central Library and Branches

Total number of borrowers (those who have registered for new cards since January, 1931)	28,148
---	--------

Accessions

Central Library

	1932	1933
Added by purchase (new books)	2,587	3,320
Added by purchase (replacements)	109	191
Added by purchase (from funds)	77	280
Added by gift	411	505
Binding	80	92
Lost books found	3	0
	<hr/>	<hr/>
	3,267	4,388

Branch Libraries

Added by purchase (new books)	2,029	4,131
Added by purchase (replacements)	544	386
Added by gift	170	39
Added by transfer from Central Library	18	24
Lost books found	0	0
	<hr/>	<hr/>
	2,761	4,580
Total accessions	6,028	8,968

Deductions

Central Library

Discarded	1,929	866
Missing	37	271
Transfer to Branches	18	24
	<hr/>	<hr/>
	1,984	1,161

Branch Libraries

	1932	1933
Discarded.....	2,089	2,339
Missing.....	32	35
	<hr/>	<hr/>
	2,121	2,374
 Total deductions.....	 4,105	 3,535
Net gain.....	1,923	5,433
Total volumes in Central and Branches.....	163,694	169,127

Distributed as Follows

Central Library.....	121,015	124,242
North Cambridge.....	8,443	9,080
Central Square.....	8,558	8,502
East Cambridge.....	9,496	10,125
Cambridge Field.....	6,135	6,742
Mount Auburn.....	5,146	5,455
Observatory Hill.....	4,901	4,981
	<hr/>	<hr/>
	163,694	169,127

CIRCULATION BY CLASSES, 1933

Adult

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch
General Works.....	504	194	62	12	4	162	62
Philosophy.....	1,911	457	191	110	77	145	263
Religion.....	1,445	1,356	232	159	22	242	87
Sociology.....	4,190	1,404	685	304	161	521	523
Philology.....	1,839	674	67	150	90	532	65
Science.....	2,920	943	249	133	116	327	307
Useful Arts.....	4,244	1,086	720	252	160	357	312
Fine Arts.....	5,379	1,104	344	163	149	410	425
Music.....	1,532	.....	.....	.....	.....	.....	.....
Literature.....	8,840	2,966	1,430	2,317	563	1,462	1,469
History.....	9,473	2,639	2,185	726	402	1,075	1,563
Biography.....	10,778	1,418	1,132	354	182	591	1,015
Magazines.....	1,386	3,887	1,083	1,622	242	4,821	2,468
Fiction.....	105,732	58,739	49,656	28,828	27,350	24,294	39,480
School Library.....	1,182	.....	.....	.....	.....	.....	.....
	161,355	76,867	58,036	35,130	29,518	34,939	48,039

Juvenile

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch
General Works.....	83	103	309	56	.....	360	41
Philosophy.....	97	154	47	148	44	114	56
Religion.....	332	495	207	246	64	290	109
Sociology.....	4,062	3,522	2,225	3,562	2,881	5,028	1,945
Philology.....	27	31	35	49	.....	27	15
Science.....	795	674	529	448	365	432	245
Useful Arts.....	1,038	671	433	540	158	318	298
Fine Arts.....	837	731	455	298	214	351	233
Music.....	.....	.....	.....	.....	.....	.....	.....
Literature.....	1,249	1,669	833	972	838	1,553	642
History.....	2,563	4,080	2,545	3,661	1,892	1,180	952
Biography.....	1,043	887	755	424	380	616	341
Magazines.....	377	246	92	120	93	2,877	161
Fiction.....	40,164	29,012	21,343	16,405	20,559	22,344	17,733
	52,667	42,275	29,808	26,929	27,488	35,490	22,771

**LIBRARY STATISTICS ACCORDING TO FORM ADOPTED
BY AMERICAN LIBRARY ASSOCIATION**

Annual report for year ending December 31, 1933.

Name of Library: Cambridge Public Library, Cambridge, Mass.

Name of Librarian: Thomas J. Sullivan.

Date of founding: 1858.

Population served (latest statistics): 113,643.

Assessed valuation of city or town: \$186,764,600.

Rate of tax levy: \$33.50 per thousand.

Terms of use: Free for lending, free for reference, free to students.

Total number of agencies: Consisting of Central Library; Branches, 6; Stations, 3; other agencies, 24 schools.

Number of days open during year (Central Library) 339

Hours open each week for lending (Central Library) 72

Hours open each week for reading (Central Library) 79

INCREASE

Number of volumes at beginning of year 163,694

Number of volumes added during year by purchase 8,400

Number of volumes added during year by gift or exchange 568

Number of volumes withdrawn during year 3,535

Total number at end of year 169,127

Number of volumes in Reference Department (included in total) 3,252

Number of volumes added during year by binding material 92

Number of volumes of fiction lent for home use 501,639

Total number of volumes lent for home use 712,527

REGISTRATION

Number of borrowers registered during year 5,925

Total number of registered borrowers 28,148

Number of newspapers and periodicals currently received:

	Titles	Copies
Newspapers	18	56
Periodicals	245	410

Number of staff, library service 34

Number of staff, janitor service 3

Total Circulation

	1932	1933	Loss	Gain
Central Library	221,208	214,022	7,186	....
North Cambridge Branch	120,335	119,142	1,193	....
Central Square Branch	100,218	87,844	12,374	....
East Cambridge Branch	60,981	62,059	....	1,078
Cambridge Field Branch	52,928	57,006	....	4,078
Mount Auburn Branch	66,010	70,429	....	4,419
Observatory Hill Branch	69,416	70,810	....	1,394
Schools	40,840	31,215	9,625	
Total	731,936	712,527	30,378	10,969
Net loss				19,409

Books to Outside Agencies

Grade Schools	4,084	2,081	2,003	....
Branch libraries	7,756	5,306	2,450	....

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
AND THE
SUPERINTENDENT OF SCHOOLS
1933



PRINTED FOR THE DEPARTMENT

SCHOOL COMMITTEE

FROM JANUARY 1, 1933 TO JANUARY 1, 1934

Hon. RICHARD M. RUSSELL.....*Chairman*

Mr. JOHN D. LYNCH.....*Vice-Chairman*

*Mrs. JESSIE W. BROOKS, 10 Linnæan Street

**Dr. JAMES J. CASSIDY, 13 Ellery Street

**Mr. JOHN LACEY DELANEY, 988 Memorial Drive

*Mr. RAYMOND A. FITZGERALD, 1 Leonard Avenue

*Mr. JOHN D. LYNCH, 20 Fairfield Street

**Mr. RALPH W. ROBART, 197 Lexington Avenue

*Term expires December 31, 1933.

**Term expires December 31, 1935.

SCHOOL COMMITTEE

FROM JANUARY 1, 1934 TO JANUARY 1, 1935

HON. RICHARD M. RUSSELL.....*Chairman*

MR. JOHN LACEY DELANEY.....*Vice-Chairman*

**Mrs. JESSIE W. BROOKS, 10 Linnaean Street

*Dr. JAMES J. CASSIDY, 13 Ellery Street

*Mr. JOHN LACEY DELANEY, 988 Memorial Drive

**Mr. JAMES F. FITZGERALD, 117 Spring Street

*Mr. RALPH W. ROBART, 197 Lexington Avenue

**Mr. RUSSELL A. WOOD, 9 Whittier Street

*Term expires December 31, 1935.

**Term expires December 31, 1937.

OFFICERS OF THE SCHOOL COMMITTEE

Superintendent of Schools

MICHAEL E. FITZGERALD 30 Bellevue Avenue

Assistant Superintendent and Director of Continuation Schools

JAMES DUGAN 32 Blake Street

Supervisor of Primary Schools

KATHARINE L. McELROY 31 Gray Street

Supervisor of Kindergartens

ALICE V. McINTIRE 83 Brattle Street

Business Agent

CONSTANTINE J. CHURCH 87 Fayerweather Street

Assistant Business Agent

GERALD T. LISTON 151 Magazine Street

Secretary of School Committee

HELEN R. BROSDAHAN 28 Dover Street

Secretary to the Superintendent of Schools

WILLIAM F. DONOVAN 59 Magazine Street

OFFICES AT CITY HALL

Offices open from 8 o'clock A.M. to 4 o'clock P.M. every day excepting Saturday. Saturday from 8 o'clock A.M. to 12 o'clock M.

In Memoriam

JOHN D. BILLINGS

Appointed master, September 1872

Pensioned, September 1928

Died, August 1933

FRANCES W. DAWSON

Appointed teacher, September 1883

Pensioned, July 1929

Died, March 1933

JOSEPHINE M. DOHERTY

Appointed teacher, September 1877

Pensioned, September 1912

Died, March 1933

MAUDE M. DUTTON

Appointed teacher, October 1899

Died, March 1933

LILLIAN A. McCARTHY

Appointed teacher, September 1913

Died, July 1933

MARY A. McMAHON

Appointed teacher, October 1911

Died, July 1933

DELIA M. STICKNEY

Appointed teacher, September 1888

Pensioned, September 1930

Died, January 1933

REPORT OF THE SUPERINTENDENT OF SCHOOLS

To the School Committee:

I herewith submit my twenty-second annual report, which is the sixty-sixth in the series of annual reports by the superintendents, and the ninety-fourth of the printed reports of the School Committee of Cambridge.

Due to the fact that the School Committee has requested the State Department of Education to make a survey of the Cambridge schools, the Committee has deemed it wise to set forth in this report the statistics showing in detail the amount of money available and the amount expended for the Cambridge schools in 1933 in order that the citizens of Cambridge may know in what manner every dollar was expended.

Respectfully submitted,

M. E. FITZGERALD,
Superintendent of Schools.

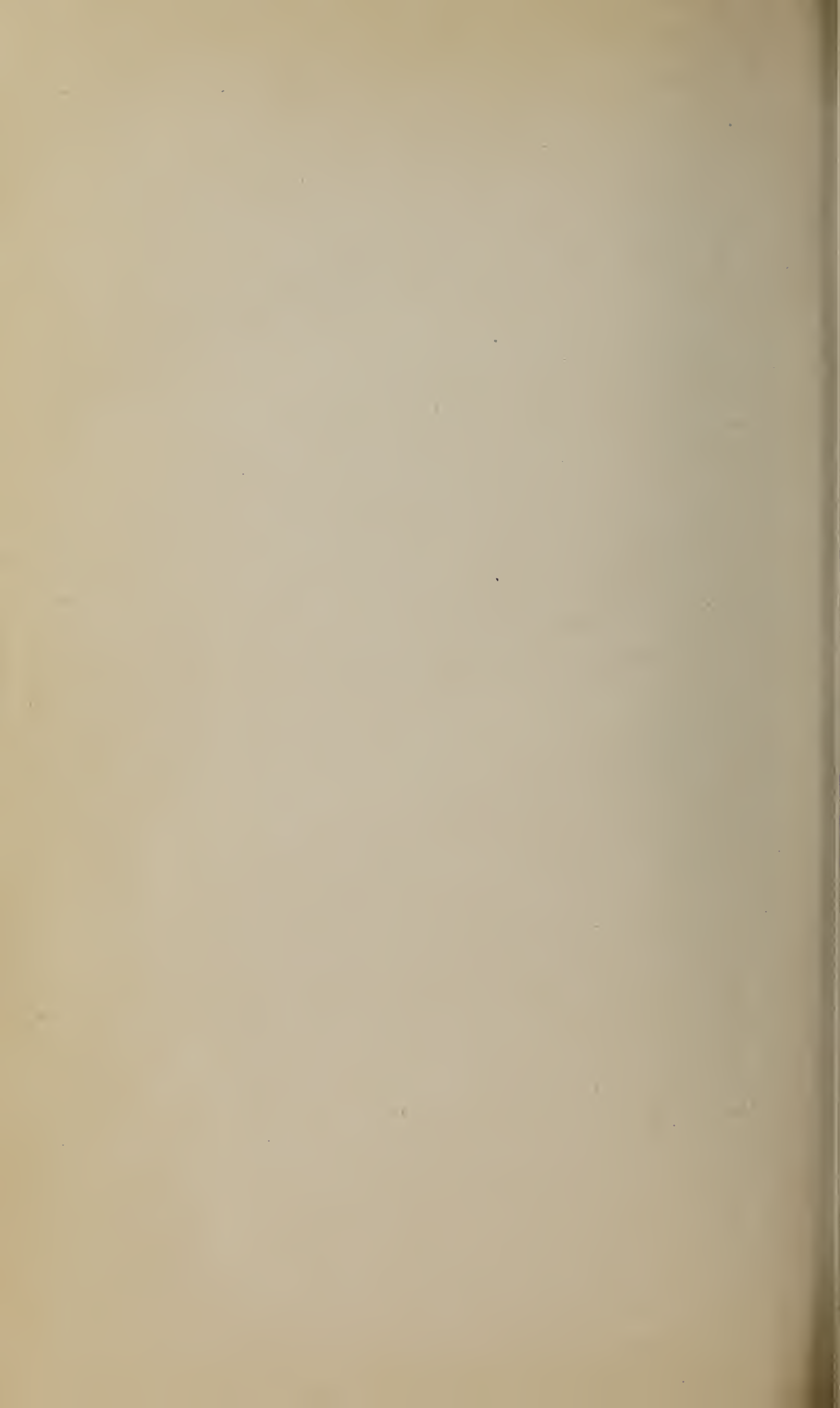
Ordered, That the report of the Superintendent be accepted and adopted as the report of the School Committee for 1933.

HELEN R. BROSNAHAN,
Secretary.

Cambridge, Massachusetts.



STATISTICS



FINANCES

FOR THE FINANCIAL YEAR FROM JANUARY 1, 1933
TO DECEMBER 31, 1933

Because of a desire to economize as much as possible, the School Committee appropriated \$1,878,523.41 of the amount available (\$2,066,466.83) to operate the schools in 1933, an immediate saving to the tax-payers of \$187,943.42. In addition, at the end of the fiscal year there remained an unexpended balance of \$30,567.84, which made a total saving of \$218,511.26 by the School Committee.

Further, during the year 1933 the teachers and all employees of the School Department contributed ten per cent of their salaries to the city which amounted to \$165,402.97.

AMOUNT AVAILABLE

Amount from Tax Levy (\$9.00 per \$1,000 on valuation)	\$1,770,070 65
Amount from Tax on Intangibles, collected by State	82,040 90
Amount received from Massachusetts School Fund	135,080 00
Unexpended balance from 1932	54,355 28
Revenue (estimated)	25,000 00
Total amount available for support of schools	<u>\$2,066,466 83</u>

AMOUNT APPROPRIATED

Amount appropriated from Taxes	\$1,702,053 79
Received from Massachusetts School Fund	135,080 00
Receipts	40,304 33
From unexpended balance 1932	1,085 29
Total receipts	<u>\$1,878,523 41</u>

EXPENDITURES

Salaries of teachers, all schools	\$1,481,961 88
Administrative salaries	73,691 02
General administrative expenses	7,351 32
Textbooks	9,902 37
Supplies	28,593 78
Transportation of pupils	1,879 00
Tuition to other cities	5,785 70
Janitor service	131,000 34
Janitor's supplies	3,751 93
Fuel and light	46,830 97
Repairs to buildings	16,043 60
Furniture and furnishings	543 80
Other school expenses	9,933 10
Refund on Minors' Licenses	45 75
Pensions	3,547 88
Lunch Rooms Supplies	25,788 85
Athletic Clothing	998 87
Care of Truants	242 00
Travel outside State	63 41
Total expenditures	<u>\$1,847,955 57</u>
Balance unexpended	\$30,567 84

A SUMMARY OF THE APPROPRIATIONS AND EXPENDITURES

	Appropriation as of Jan. 1, 1933	Appropriation after all transfers had been made	Total Expenditures
Administration Salaries	\$74,149.50	\$74,149.50	\$73,691.02
Teachers' Salaries	1,493,985.29	1,486,295.29	1,481,961.88
Janitors' Salaries	133,000.00	133,000.00	131,000.34
General Expenses	5,747.00	7,352.90	7,351.32
Textbooks	7,500.00	10,100.00	9,902.37
Supplies, General	25,000.00	28,707.93	28,593.78
Lunch Room Supplies	22,000.00	25,800.00	25,788.85
Athletic Clothing . . . . .	.....	1,000.00	998.87
Tuition to Other Cities	8,000.00	6,796.14	5,785.70
Transportation of Pupils	1,718.00	1,908.00	1,879.00
Care of Truants	312.00	312.00	242.00
Fuel	35,000.00	35,000.00	31,104.09
Gas and Electricity	18,000.00	16,500.00	15,726.88
Repairs	20,000.00	16,415.29	16,043.60
Furniture and Furnishings	300.00	900.00	543.80
Janitors' Supplies	3,500.00	3,751.93	3,751.93
Travel Outside State . . . . .	.....	100.00	63.41
Minors' Licenses	60.00	60.00	45.75
Pensions	4,137.00	3,937.00	3,547.88
C. W. A. Projects . . . . .	.....	5,000.00	.....
Other Expenses	9,725.00	9,933.10	9,933.10
Totals	\$1,862,133.79	\$1,867,019.08	\$1,847,955.57
Transferred from Excess Receipts	4,885.27		
	\$1,867,019.08		

DIS ON OF EXPENDITURES—January 1, 1933 to December 31, 1933

[illegible]

TABLE SHOWING VALUE OF BUILDINGS, LAND AND EQUIPMENT
(April 1, 1933)

	Buildings	Land	Total
Taylor School	\$37,500 00	\$9,300 00	\$46,800 00
Putnam Grammar School	65,900 00	8,700 00	74,600 00
Thorndike Grammar School	100,000 00	14,400 00	114,400 00
Gannett School	7,900 00	3,100 00	10,900 00
Boardman Primary School	17,500 00	4,500 00	22,000 00
Roberts School	561,000 00	20,100 00	581,100 00
Kelley School	83,000 00	9,400 00	92,400 00
Wellington School	133,000 00	11,500 00	144,500 00
Portable School	3,000 00	3,400 00	6,400 00
Fletcher School	94,400 00	8,600 00	103,000 00
Morse School	80,400 00	11,100 00	91,500 00
Willard School	28,100 00	8,000 00	36,100 00
Webster School	154,600 00	11,100 00	165,700 00
Harvard Grammar School	71,800 00	11,800 00	83,600 00
Longfellow School	474,100 00	28,900 00	503,000 00
Houghton School	261,300 00	7,500 00	268,800 00
Rindge School	1,356,400 00	105,800 00	1,462,200 00
High and Latin School	689,200 00	92,500 00	781,700 00
Agassiz School	122,100 00	11,800 00	133,900 00
Ellis School	50,000 00	7,600 00	57,600 00
Sleeper School	30,000 00	8,400 00	38,400 00
Wyman School	5,900 00	4,600 00	10,500 00
Lincoln School	215,400 00	11,800 00	227,200 00
Peabody School	68,000 00	22,900 00	90,900 00
Lot . . . . .	.....	6,400 00	6,400 00
Lowell School	6,500 00	5,500 00	12,000 00
Russell School	239,500 00	31,300 00	270,800 00
Lot . . . . .	.....	2,500 00	2,500 00
Haggerty School	45,300 00	8,200 00	53,500 00
	\$5,001,700 00	\$490,700 00	\$5,492,400 00
Equipment . . . . .	.....	.....	\$584,933 00

COST OF INSTRUCTION FROM JANUARY 1, 1933 TO JANUARY 1, 1934

SCHOOLS AND OFFICERS	Cost of Instruction	Average Number of Pupils for the Year ending in December	Cost per Pupil
High and Latin School.....	\$334,593 58	3,151	\$106 19
Rindge Technical School.....	197,539 32	1,431	138 04
Grammar Schools.....	393,662 72	6,100	64 54
Primary Schools.....	279,503 42	3,969	70 42
Kindergartens.....	62,608 42	1,024	61 14
Open Air Classes.....	32,314 28	224	144 26
Substitute Teachers.....	32,536 00	—	—
Continuation School.....	3,378 56	—	—
Department of Art.....	6,250 00	—	—
Department of Music.....	16,577 17	—	—
Department of Physical Education.....	24,119 64	—	—
Manual Training and Pre-Vocational Work....	48,793 60	—	—
Teachers of Sewing.....	17,645 50	—	—
Teachers of Cooking.....	5,206 00	—	—
Teacher of Stammerers.....	1,994 00	—	—
Teachers of Vision Class.....	3,745 04	—	—
Teacher of Lip Reading.....	1,979 16	—	—
Opportunity Class.....	1,847 82	—	—
Home Teachers.....	5,178 17	—	—
Teachers at Museum.....	4,790 00	—	—
Superintendent.....	7,700 00	—	—
Assistant Superintendent.....	5,000 00	—	—
Supervisor of Primary Schools.....	2,800 00	—	—
Supervisor of Kindergartens.....	2,800 00	—	—
Business Agent.....	3,750 00	—	—
Superintendent of School Buildings and Grounds	543 68	—	—
Clerks.....	18,236 34	—	—
Storekeeper and Assistant.....	3,224 00	—	—
Supervisors of Attendance.....	18,108 00	—	—
Test and Measurements.....	500 00	—	—
Teachers' Examinations.....	19 00	—	—
Total.....	\$1,536,943 42	15,899	\$96 67

The per pupil costs in the High and Latin, Rindge Technical, Grammar and Primary Schools (including the Special Classes), Kindergartens and Open Air Classes are listed above.

It is impossible to compare the costs per pupil with the other cities in the state because their organizations and programs differ and because some of the cities have subtracted from the per pupil costs of 1933 the amounts contributed by their teachers and other employees. This has not been done in Cambridge.

Cost of instruction in the Evening Elementary Schools.....	6,460 50
Cost of instruction in the Evening High School.....	4,989 00
Total.....	\$11,449 50
Cost of instruction in Americanization.....	6,484 50
Cost of instruction, Harvard Session at Rindge.....	618 00

COST OF INSTRUCTION IN THE DAY SCHOOLS

*Salaries of Teachers, Superintendents, Supervisors, Agent, Clerks,
and Supervisors of Attendance*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in June	Total Cost	Cost per Pupil
1924.....	581	16,463	16,375	\$1,161,322 26	\$70 98
1925.....	587	16,564	16,162	1,178,596 17	72 92
1926.....	616	16,352	16,064	1,255,796 99	78 17
1927.....	611	16,108	16,088	1,305,426 36	81 21
1928.....	609	15,747	15,689	1,340,153 39	85 47
1929.....	623	15,593	15,309	1,402,658 40	91 62
1930.....	648	15,610	15,392	1,437,718 25	93 41
1931*.....	678	16,044	15,434	1,128,912 08*	70 36
1932.....	692	16,201	15,738†	1,530,247 64	97 23
1933.....	695	16,561	15,899†	1,536,943 42	96 67

*From April 1, 1931 to December 31, 1931.

†Average number belonging for year ending in December.

COST OF THE DAY SCHOOLS

*Cost of Instruction, of Textbooks and Supplies, of Incidental Expenses, of
the Care of Truants, of the Care of Schoolhouses, and of the
Transportation of Pupils, but not including Repairs*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in June	Total Cost	Cost per Pupil
1924.....	581	16,463	16,375	\$1,401,345 17	\$85 58
1925.....	587	16,564	16,162	1,453,326 52	89 92
1926.....	616	16,352	16,064	1,546,169 47	96 29
1927.....	611	16,108	16,088	1,627,409 08	101 16
1928.....	609	15,747	15,689	1,713,253 68	109 20
1929.....	623	15,593	15,309	1,807,840 36	118 09
1930.....	648	15,610	15,392	1,848,685 67	133 10
1931*.....	678	16,044	15,434	1,481,394 95*	92 33
1932.....	692	16,201	15,738†	1,807,367 84	114 84
1933.....	695	16,561	15,899†	1,810,631 37	113 89

*From April 1, 1931 to December 31, 1931.

†Average number belonging for year ending in December.

COST OF INSTRUCTION IN THE EVENING SCHOOLS

YEAR	Drawing	Industrial	High	Elementary	Total
1928-1929.....	\$634 50 ¹	\$5,158 50 ¹	\$4,491 00	\$10,415 00	\$20,699 00 ¹
1929-1930.....	765 00 ²	5,421 00 ²	6,073 00	10,871 50	23,130 50 ²
1930-1931.....	738 00 ³	5,563 25 ³	7,395 00	11,385 50	25,481 75 ³
1931-1932*.....	378 00	2,597 50	4,328 00	8,943 00	16,246 50
1933.....			4,989 00	6,460 50	11,449 50

*For 3 months.

GENERAL STATISTICS

Population of Cambridge

1900.....	91,886	1920.....	109,694
1910.....	104,839	1930.....	113,643

NUMBER OF TEACHERS IN THE DAY SCHOOLS

DECEMBER	High and Latin School	Rindge Technical School	Elementary Schools	Kinder-gartens	Continuation School Central Trade Class	Directors and Special Teachers	Total
1929.....	124	50	373	35	7	34	623
1930.....	126	54	385	39	8	36	648
1931.....	133	61	396	40	7	41	678
1932.....	142	71	391	39	4	45	692
1933.....	146	74	386	37	7	45	695

¹ This amount includes \$687.17 received from Smith-Hughes Fund.
² This amount includes \$562.05 received from Smith-Hughes Fund.
³ This amount includes \$491.46 received from Smith-Hughes Fund.

ATTENDANCE AT ALL THE DAY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1929.....	8,749	8,181	16,930	15,309	14,328	93.6
1930.....	8,724	8,051	16,775	15,392	14,521	94.3
1931.....	8,830	7,960	16,790	15,434	14,196	91.9
1932.....	8,915	7,956	16,871	15,857	14,751	93.0
1933.....	9,086	8,191	17,277	16,096	15,027	93.6

ATTENDANCE AT THE HIGH AND LATIN SCHOOL

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1929.....	936	1,779	2,715	2,563	2,377	92.7
1930.....	993	1,834	2,827	2,603	2,453	94.2
1931.....	1,036	1,816	2,852	2,607	2,438	93.5
1932.....	1,180	1,936	3,116	2,831	2,651	93.6
1933.....	1,320	2,185	3,505	3,175	2,972	93.6

ATTENDANCE AT THE RINDGE TECHNICAL SCHOOL

YEAR	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
1929.....	1,023	921	849	92.1
1930.....	1,137	1,000	931	93.1
1931.....	1,236	1,115	1,032	92.5
1932.....	1,297	1,186	1,086	91.5
1933.....	1,455	1,323	1,220	92.9

ATTENDANCE AT THE GRAMMAR SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1929.....	3,619	3,369	6,988	6,406	6,218	97.0
1930.....	3,401	3,260	6,661	6,223	5,955	95.6
1931.....	3,363	3,072	6,435	6,177	5,836	94.5
1932.....	3,361	3,246	6,607	6,354	6,045	95.1
1933.....	3,391	3,387	6,778	6,432	6,131	95.3

ATTENDANCE AT THE PRIMARY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1929.....	2,559	2,390	4,949	4,452	4,082	91.7
1930.....	2,573	2,381	4,954	4,572	4,374	95.6
1931.....	2,582	2,439	5,021	4,583	4,133	90.2
1932.....	2,450	2,205	4,655	4,503	4,151	92.2
1933.....	2,442	2,150	4,592	4,355	4,021	92.3

ATTENDANCE AT THE KINDERGARTENS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1929.....	612	643	1,255	967	802	82.9
1930.....	620	576	1,196	994	808	81.3
1931.....	613	633	1,246	952	757	80.6
1932.....	627	569	1,196	973	818	84.0
1933.....	478	469	947	811	683	84.2

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE HIGH AND LATIN SCHOOL

SEPTEMBER	Boys	Average Age	Girls	Average Age
1929.....	256	13 years 11 months	586	14 years 1 month
1930.....	263	14 years 2 months	521	14 years 4 months
1931.....	291	13 years 0 months	574	14 years 4 months
1932.....	281	13 years 10 months	612	13 years 11 months
1933.....	246	13 years 9 months	680	13 years 11 months

NUMBER OF PUPILS GRADUATED FROM THE HIGH AND LATIN SCHOOL

YEAR	Boys	Average Age	Girls	Average Age
1929.....	130	17 years 10 months	264	18 years 1 month
1930.....	184	18 years 1 month	268	18 years 2 months
1931.....	173	18 years 1 month	301	18 years 2 months
1932.....	174	17 years 5 months	292	17 years 3 months
1933.....	183	18 years 0 months	327	18 years 2 months

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE RINDGE
TECHNICAL SCHOOL, WITH THE NUMBER OF GRADUATES

SEPTEMBER	Admitted	Average Age	Graduated in June	Average Age
1929.....	504	14 years 8 months	113	18 years 2 months
1930.....	508	14 years 10 months	137	17 years 11 months
1931.....	463	14 years 9 months	150	18 years 3 months
1932.....	531	14 years 4 months	150	17 years 3 months
1933.....	622	14 years 10 months	208	18 years 3 months

NUMBER OF PUPILS GRADUATED FROM THE GRAMMAR SCHOOLS

JUNE	Boys	Average Age	Girls	Average Age
1929.....	569	14 years 4 months	557	14 years 1 month
1930.....	533	14 years 4 months	444	14 years 9 months
1931.....	503	14 years 2 months	479	14 years 0 months
1932.....	503	14 years 4 months	507	14 years 4 months
1933.....	535	14 years 6 months	555	14 years 3 months

NUMBER OF PUPILS COMPLETING THE PRIMARY COURSE OF STUDY

YEAR	Boys	Average Age	Girls	Average Age
1929.....	581	9 years 8 months	545	9 years 8 months
1930.....	590	9 years 3 months	573	9 years 2 months
1931.....	599	9 years 4 months	615	9 years 3 months
1932.....	558	9 years 4 months	643	9 years 2 months
1933.....	586	9 years 3 months	617	9 years 1 month

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE
GRAMMAR SCHOOLS

YEAR	In Four Years or Less	In Five Years	In Six Years	In More than Six Years
1929.....	7 per cent	67 per cent	22 per cent	4 per cent
1930.....	5 per cent	67 per cent	24 per cent	4 per cent
1931.....	3 per cent	71 per cent	22 per cent	4 per cent
1932.....	6 per cent	66 per cent	23 per cent	5 per cent
1933.....	1 per cent	71 per cent	23 per cent	5 per cent

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE PRIMARY SCHOOLS

YEAR	In Less than Three Years	In Three Years	In Four Years	In More than Four Years
1929.....	2 per cent	63 per cent	23 per cent	12 per cent
1930.....	2 per cent	68 per cent	22 per cent	8 per cent
1931.....	3 per cent	59 per cent	26 per cent	12 per cent
1932.....	2 per cent	59 per cent	28 per cent	11 per cent
1933.....	1 per cent	59 per cent	29 per cent	11 per cent

NUMBER OF PUPILS IN THE HIGH AND LATIN SCHOOL, DECEMBER, 1933

YEAR	Boys	Girls	Total	Per Cent
Post Graduate.....	82	73	155	.047
Twelfth.....	258	331	589	.180
Eleventh.....	279	507	786	.240
Tenth.....	325	510	835	.254
Ninth.....	262	655	917	.279
Total.....	1,206	2,076	3,282	—

NUMBER OF PUPILS IN THE RINDGE TECHNICAL SCHOOL, DECEMBER, 1933

(This school is for boys only. It became a part of the public system January 1, 1899)

YEAR	Boys	Per Cent
Post Graduate.....	81	.054
Twelfth.....	219	.147
Eleventh.....	246	.165
Tenth.....	394	.264
Ninth.....	551	.370
Total.....	1,491	—

NUMBER OF PUPILS IN THE GRAMMAR SCHOOLS, DECEMBER, 1933

YEAR	Boys	Girls	Total	Per Cent
Eighth.....	581	573	1,154	.177
Seventh.....	637	636	1,273	.195
Sixth.....	671	662	1,333	.204
Fifth.....	672	694	1,366	.209
Fourth.....	736	663	1,399	.215
Total.....	3,297	3,228	6,525	—

NUMBER OF PUPILS IN THE PRIMARY SCHOOLS, DECEMBER, 1933

YEAR	Boys	Girls	Total	Per Cent
Third.....	733	645	1,378	.329
Second.....	729	614	1,343	.321
First.....	797	668	1,465	.350
Total.....	2,259	1,927	4,186	—

NUMBER OF PUPILS AND TEACHERS IN THE KINDERGARTENS

YEAR	Boys	Girls	Total	Number of Teachers
1929.....	549	516	1,065	35
1930.....	510	527	1,037	39
1931.....	568	502	1,070	40
1932.....	448	429	877	39
1933.....	580	487	1,067	37

NUMBER OF AGE AND SCHOOLING CERTIFICATES ISSUED

1928	1929	1930	1931	1932	1933
1,302	1,084	950	522	391	199 ¹
4,635 ¹	4,933 ¹	3,214 ¹	2,654 ¹	2,108 ¹	2,307 ¹

¹ Issued to minors over sixteen years of age.

SUMMARY

Number of Pupils Belonging in December, 1933

Number of pupils in the High and Latin School	3,282
Number of pupils in the Rindge Technical School	1,491
Number of pupils in the Grammar Grades	5,947
Number of pupils in the Primary Grades	3,961
Number of pupils in the Kindergarten	1,066
Number of pupils in the Open Air Classes	233
Number of pupils in Special Classes	414
Number of pupils in the Ungraded Classes	157
Number of pupils in the public schools, December, 1933	16,561
Number of pupils in the public schools, December, 1932	16,201
Increase of pupils, December, 1933	360
Increase of pupils, 1923	45
Decrease of pupils, 1924	355
Increase of pupils, 1925	101
Decrease of pupils, 1926	212
Decrease of pupils, 1927	244
Decrease of pupils, 1928	361
Decrease of pupils, 1929	154
Increase of pupils, 1930	17
Increase of pupils, 1931	434
Increase of pupils, 1932	157
Increase of pupils, 1933	360

NUMBER OF PUPILS REGISTERED IN THE EVENING DRAWING SCHOOLS,
WITH THE AVERAGE ATTENDANCE*

	1929-1930	1930-1931	1931-1932	1933
Number registered.....	78	68	47	0
Average attendance.....	39	35	27	0

NUMBER OF PUPILS REGISTERED IN THE EVENING INDUSTRIAL
SCHOOL, WITH THE AVERAGE ATTENDANCE*

	1929-1930	1930-1931	1931-1932	1933
Number registered.....	383	394	260	0
Average attendance.....	190	192	120	0

NUMBER OF PUPILS REGISTERED IN THE EVENING HIGH SCHOOL,
WITH THE AVERAGE ATTENDANCE

	1929-1930	1930-1931	1931-1932	1933
Number registered.....	996	1,155	980	741
Average attendance.....	457	537	577	440

NUMBER OF PUPILS REGISTERED IN THE EVENING ELEMENTARY
SCHOOLS, WITH THE AVERAGE ATTENDANCE ¹

	1929-1930	1930-1931	1931-1932	1933
Number registered.....	1,437	1,271	1,278	1,596
Average attendance.....	758	709	744	937

* Classes omitted in 1933.

¹ Including the Evening Trade School for Women.

ATTENDANCE AT THE EVENING SCHOOLS, 1933

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Evening High School.....	247	494	741	570	440	77
Ellis School.....	82	103	185	127	118	93
Haggerty School.....	21	61	82	75	55	73
Kelley School.....	68	101	169	128	106	83
Putnam School.....	118	96	214	132	105	80
Roberts School.....	62	49	111	84	69	82
Webster School.....	35	59	94	59	44	75
Total.....	633	963	1,596	1,175	937	80

COST OF THE EVENING SCHOOLS, 1933

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total	Cost per Pupil
Evening High School.....	\$4,989 00	\$595 00	\$203 12	\$5,787 12	\$10 15
Ellis School.....	690 50	96 00	9 57	796 07	6 27
Haggerty School.....	782 00	98 75	12 55	893 30	11 91
Kelley School.....	1,183 50	137 00	5 19	1,325 69	10 36
Putnam School.....	1,136 00	146 50	41 14	1,323 64	10 03
Roberts School.....	985 00	202 50	84	1,188 34	14 15
Webster School.....	875 00	206 50	2 70	1,084 20	18 38
Americanization Classes	2,706 00	102 50	34 65	2,843 15	2 80
Director.....	500 00	—	—	500 00	—
Music Director.....	128 00	—	—	128 00	—
Telephone Operator.....	93 00	—	—	93 00	—
Recreation Department.....	60 00	—	—	60 00	—
Total.....	\$14,128 00	\$1,584 75	\$309 76	\$16,022 51	\$13 64

NUMBER OF ASSISTANT TEACHERS IN THE EVENING SCHOOLS, 1933

SCHOOLS	AVERAGE NUMBER OF ASSISTANT TEACHERS	
	1931-1932	1933
Rindge Industrial Classes.....	13	0
Rindge Drawing Classes.....	3	0
Freehand Drawing Classes.....	1	0
Evening High School.....	54	37
Ellis School.....	6	7
Haggerty School.....	9	6
Kelley School.....	16	7
Putnam School.....	9	13
Roberts School.....	17	7
Thorndike School.....	9	0
Webster School.....	13	6
Women's Practical Arts School.....	10	0
Total.....	160	83

NUMBER OF GRADUATES IN THE EVENING SCHOOLS, 1933

SCHOOLS	NUMBER OF GRADUATES	
	1931-1932	1933
Rindge Industrial Classes.....	16	0
Mechanical Drawing Class.....	7	0
Freehand Drawing Class.....	2	0
Evening High School.....	120	84
Ellis School.....	10	4
Haggerty School.....	12	8
Kelley School.....	10	13
Putnam School.....	25	10
Roberts School.....	11	9
Webster School.....	23	11
Total.....	236	139

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1933
(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
Ellis School	4	4	3	75
Haggerty School	45	40	30	75
Kelley School	62	52	44	85
Putnam School	37	33	28	85
Roberts School	24	18	12	67
Webster School	27	16	12	75
Total	199	163	129	79

BUILDINGS USED FOR EVENING SCHOOL PURPOSES

SCHOOLS	CLASSES
High School	Academic, commercial.
Ellis, Haggerty, Kelley, Putnam, Roberts, Webster Schools	English for foreigners, grammar school work, dressmaking, embroidery, civil service.

STATISTICS FOR BOYS' CONTINUATION SCHOOL

Number enrolled to January 1.....	45
Number returned to regular schools.....	4
Number discharged by reaching sixteenth birthday to January 1.....	15
Number discharged to other towns to January 1.....	7
Number of full-time pupils on January 1.....	16

Number of Boys in Each Grade, Enrolled to January 1

Grade 5.....	2
Grade 6.....	3
Grade 7.....	6
Grade 8.....	12
High School.....	22
Average grade of total enrollment for 1933.....	8.5

STATISTICS FOR GIRLS' CONTINUATION SCHOOL

Number enrolled to January 1.....	162
Number returned to regular schools.....	2
Number discharged by reaching sixteenth birthday to January 1.....	15
Number discharged to other towns to January 1.....	4
Number of full-time pupils on January 1.....	0

Number of Girls in Each Grade, Enrolled to January 1

Grade 5.....	0
Grade 6.....	5
Grade 7.....	20
Grade 8.....	21
High School.....	116
Average grade of total enrollment for 1933.....	8.7

SIGHT AND HEARING TESTS

	1930	1931	1932	1933
Number enrolled.....	15,845	16,143	16,010	16,070
Number defective in sight.....	1,340	1,699	1,429	1,370
Number defective in hearing.....	248	359	275	303
Number of parents notified.....	1,174	1,670	1,329	1,511

SUMMARY OF THE REPORTS OF THE SUPERVISORS OF ATTENDANCE,
SEPTEMBER, 1932, TO SEPTEMBER, 1933

Number of absences investigated.....	19,839
Truancy, first offence.....	1,259
Truancy, third offence.....	226
Children found wandering about the streets not belonging to any school ...	138
Such children sent to school.....	127
Visits to mercantile and manufacturing establishments.....	260
Children employed without certificates.....	3

CONTAGIOUS DISEASES REPORTED TO THE SCHOOLS BY THE SUPERVISORS
OF ATTENDANCE, JANUARY 1, 1933, TO JANUARY 1, 1934

Influenza.....	129
Lobar pneumonia.....	195
Chicken pox.....	754
Diphtheria.....	50
Measles.....	623
Mumps.....	259
Scarlet fever.....	344
Whooping cough.....	438
German measles.....	29
Infantile paralysis.....	8
Cerebrospinal meningitis.....	3
Septic sore throat.....	13
Typhoid fever.....	6
Total.....	2,851

STATISTICS OF THE PRIVATE AND PAROCHIAL SCHOOLS TAKEN BY THE
SUPERVISORS OF ATTENDANCE, OCTOBER 1, 1933

Eleven Parochial Schools, with an enrollment of.....	6,852
Five Private Schools, with an enrollment of.....	406
Total.....	7,258

TEACHERS AND OFFICIALS PENSIONED BY THE CITY

Teacher, Elementary School.....	Mary P. Blair
Teacher, Elementary School.....	Sarah J. Gunnison
Teacher, Elementary School.....	Eliza Hussey
Teacher, Elementary School.....	Annie B. Josselyn
Teacher, Elementary School.....	Evelyn J. Locke
Teacher, Elementary School.....	Anastasia R. Peters
Teacher, Elementary School.....	Mary A. Stephenson
Attendance Officer.....	Lucian S. Cabot

SALARY SCHEDULE

Cambridge High and Latin and Rindge Technical Schools

	Minimum	Increase per year	Number of Years	Maximum
Headmasters	\$4,100	\$200	3	\$4,700
Assistant Headmasters	3,650	150	3	4,100
Masters	2,850	150	6	3,750
Teachers (men)	1,850	150	7	2,900
Teachers (women)	1,534	120	6	2,254
*Deans . . . . .	.....	...	...	.....
†Headmasters' Assistants . . . . .	.....	...	...	.....
‡Masters' Assistants . . . . .	.....	...	...	.....
Permanent Substitutes (men)	1,536	...	...	.....
Permanent Substitutes (women)	1,248	.....	...	.....

Elementary Schools

Masters	\$2,950	\$150	6	\$3,850
Submasters	1,800	100	7	2,500
Masters' Assistant	1,908	100	2	2,108
Teachers, 8th Grade	1,338	100	6	1,938
Teachers	1,278	96	6	1,854
Principals, 9 rooms	2,176	120	2	2,416
Principals, 8 rooms or less	2,052	100	2	2,252

Kindergartens

Teachers	\$1,226	\$84	6	\$1,730
Assistant Teachers	1,190	84	5	1,610

Music and Art

Director	\$2,950	\$150	6	\$3,850
Assistant Director	2,252	150	6	3,152
Assistants	1,800	100	6	2,400

Sewing

Teachers High	\$1,534	\$120	6	\$2,254
Teachers Elementary	1,262	96	6	1,838

*Deans are paid \$360 in addition to their regular teachers' salary.
†Headmasters' Assistants are paid \$360 in addition to their regular teachers' salary.
‡Masters' Assistants are paid \$200 in addition to their regular teachers' salary.

SALARY SCHEDULE — Concluded

Physical Education

	Minimum	Increase per Year	Number of Years	Maximum
Director.....	\$2,950	\$150	6	\$3,850
Assistant Director (men).....	2,252	150	6	3,152
Assistant Director (women).....	1,800	100	6	2,400
Teachers.....	1,362	96	6	1,938

Cooking

Teachers.....	\$1,274	\$96	6	\$1,850
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Prevocational

Teachers (women).....	\$1,446	\$100	6	\$2,046
Teachers (men).....	1,600	150	5	2,350

Special Classes

Principal (Open Air).....	\$2,000	\$100	3	\$2,300
Teachers	1,394	100	6	1,994

Continuation School

Principal.....	\$2,780	\$120	6	\$3,500
Teachers (men).....	1,600	150	5	2,350
Teachers (women).....	1,450	100	6	2,050

Supervisors of Attendance

Each.....	\$1,800	\$150 per year for the first three years; \$50 fourth year	4	\$2,300
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NOTE. — Teachers entering the service of the Cambridge Public Schools for the first time, with outside experience, shall be given credit on the salary schedule by the following rule:

Three years of experience outside of the city will be considered as equivalent to one year of experience in the city, but in no case shall a teacher be credited with more than five years of experience.

EVENING SCHOOLS

Evening High School

Per Evening

<i>Masters:</i> Minimum.....	\$6 00
Maximum.....	7 00
<i>Teachers:</i> Minimum.....	3 00
To teachers during the first year of service in evening schools.	
Maximum.....	4 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Secretary</i>	3 00
<i>Clerk</i>	2 00

Rindge Evening Industrial School

<i>Master:</i> Minimum.....	6 00
Maximum.....	7 00
<i>Teachers:</i> Minimum.....	3 50
Maximum.....	4 50
<i>Secretary</i>	3 00

Elementary Schools

<i>Principals</i>	5 00
<i>Teachers:</i> Minimum.....	2 50
To teachers during the first year of service in evening schools.	
Maximum.....	3 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Clerks</i>	2 00

Evening Trade School

<i>Principal:</i> Minimum.....	5 00
Maximum.....	6 00
<i>Teachers:</i> Minimum.....	3 00
Maximum.....	4 00
<i>Secretary</i>	3 00

SCHOOL CALENDAR

1933-1934

The first term — From September 11 to December 22.

The second term — From January 2 to February 23.

The third term — From March 5 to April 27.

The fourth term — From May 7 to June 22.

1934-1935

The first term — From September 12 to December 21.

SCHOOL HOLIDAYS

Columbus Day; Armistice Day; Thanksgiving Day, with the day preceding and the day following; Washington's Birthday; Good Friday; Patriots' Day; Memorial Day; and the Seventeenth of June. If one of these holidays falls on Sunday, the schools are closed on the day following.

EVENING SCHOOLS

There are two terms of the evening schools. The first term begins on the second Tuesday of October and closes one week previous to the closing of the day schools for the Christmas holidays. The second term begins on the first Tuesday of January, except when that day falls on New Year's Day, in which case it begins on the Monday following New Year's Day, and continues for at least twenty-five evenings. Vacations and holidays are the same as in the day schools.

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